

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
 Data File : VN085998.D
 Acq On : 18 Mar 2025 12:32
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 19 02:54:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 02:30:27 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/19/2025
 Supervised By : Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	180263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	48218	19.534	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.060%#		
35) Dibromofluoromethane	8.165	113	39531	19.905	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.800%#		
50) Toluene-d8	10.565	98	142597	19.783	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.560%#		
62) 4-Bromofluorobenzene	12.847	95	50895	19.799	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	39.600%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43250	18.110	ug/l	96
3) Chloromethane	2.359	50	37051	17.697	ug/l	98
4) Vinyl Chloride	2.506	62	39037	18.236	ug/l	98
5) Bromomethane	2.942	94	27158	18.625	ug/l	97
6) Chloroethane	3.106	64	24077	17.829	ug/l #	86
7) Trichlorofluoromethane	3.495	101	69126	17.963	ug/l	99
8) Diethyl Ether	3.959	74	22721	19.287	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	36929	18.056	ug/l	99
10) Methyl Iodide	4.583	142	49138	18.439	ug/l	91
11) Tert butyl alcohol	5.518	59	32886	94.099	ug/l	99
12) 1,1-Dichloroethene	4.336	96	34693	18.786	ug/l	95
13) Acrolein	4.177	56	37669	101.056	ug/l	99
14) Allyl chloride	5.018	41	41227	17.894	ug/l	99
15) Acrylonitrile	5.718	53	88238	95.601	ug/l	98
16) Acetone	4.424	43	64377	85.367	ug/l	97
17) Carbon Disulfide	4.706	76	105800	17.420	ug/l	100
18) Methyl Acetate	5.024	43	31321	16.787	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	113784	18.802	ug/l	96
20) Methylene Chloride	5.277	84	39757	18.021	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	37536	18.598	ug/l	98
22) Diisopropyl ether	6.671	45	94961	19.341	ug/l	94
23) Vinyl Acetate	6.600	43	369355m	99.232	ug/l	
24) 1,1-Dichloroethane	6.565	63	65460	18.131	ug/l	100
25) 2-Butanone	7.483	43	99742	91.662	ug/l	96
26) 2,2-Dichloropropane	7.488	77	63430	18.249	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	42598	18.573	ug/l	98
28) Bromochloromethane	7.812	49	28688	18.755	ug/l	99
29) Tetrahydrofuran	7.841	42	65915	98.119	ug/l	99
30) Chloroform	7.965	83	72867	18.259	ug/l	97
31) Cyclohexane	8.253	56	55179	17.940	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	69390	18.369	ug/l	95
36) 1,1-Dichloropropene	8.371	75	47900	18.317	ug/l	100
37) Ethyl Acetate	7.559	43	41696	18.899	ug/l	99
38) Carbon Tetrachloride	8.353	117	63404	18.440	ug/l	92
39) Methylcyclohexane	9.600	83	47633	18.359	ug/l	94
40) Benzene	8.606	78	153432	18.690	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	21324	20.242	ug/l	96
42) 1,2-Dichloroethane	8.671	62	52637	18.401	ug/l	100
43) Isopropyl Acetate	8.688	43	90251m	18.838	ug/l	
44) Trichloroethene	9.353	130	38098	17.906	ug/l	94
45) 1,2-Dichloropropane	9.618	63	36309	19.446	ug/l	98
46) Dibromomethane	9.706	93	26612	18.123	ug/l	98
47) Bromodichloromethane	9.888	83	57646	18.784	ug/l	96
48) Methyl methacrylate	9.677	41	30533	19.354	ug/l	99
49) 1,4-Dioxane	9.694	88	14060	377.006	ug/l	90
51) 4-Methyl-2-Pentanone	10.441	43	209460	99.344	ug/l	98
52) Toluene	10.629	92	98133	19.476	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	57384	19.253	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	60620	19.278	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	35992	18.716	ug/l	96
56) Ethyl methacrylate	10.871	69	52684	20.039	ug/l	99
57) 1,3-Dichloropropane	11.159	76	61369	18.788	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	66141	69.674	ug/l	99
59) 2-Hexanone	11.194	43	152912	99.554	ug/l	98
60) Dibromochloromethane	11.359	129	46407	18.701	ug/l	98
61) 1,2-Dibromoethane	11.465	107	37071	18.777	ug/l	97
64) Tetrachloroethene	11.100	164	37287	18.572	ug/l	95
65) Chlorobenzene	11.888	112	107742	18.708	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	39102	18.264	ug/l	98
67) Ethyl Benzene	11.959	91	175592	19.060	ug/l	97
68) m/p-Xylenes	12.071	106	141029	38.948	ug/l	99
69) o-Xylene	12.394	106	65978	19.853	ug/l	99
70) Styrene	12.406	104	112279	19.780	ug/l	99
71) Bromoform	12.576	173	33086	18.487	ug/l #	99
73) Isopropylbenzene	12.694	105	162838	19.041	ug/l	100
74) N-amyl acetate	12.494	43	56163	19.630	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	52144	18.023	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	57493m	20.137	ug/l	
77) Bromobenzene	12.976	156	43969	18.439	ug/l	99
78) n-propylbenzene	13.035	91	189068	19.524	ug/l	99
79) 2-Chlorotoluene	13.123	91	123854	19.256	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	142528	19.740	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	21026	19.827	ug/l	94
82) 4-Chlorotoluene	13.218	91	128159	19.376	ug/l	99
83) tert-Butylbenzene	13.435	119	114669	18.570	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	144557	19.850	ug/l	100
85) sec-Butylbenzene	13.612	105	158970	19.734	ug/l	99
86) p-Isopropyltoluene	13.729	119	133733	19.611	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	80845	18.809	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	81175	17.975	ug/l	99
89) n-Butylbenzene	14.053	91	103559	18.649	ug/l	98
90) Hexachloroethane	14.329	117	27141	17.249	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	76225	17.839	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10795	18.692	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	39028	18.166	ug/l	98
94) Hexachlorobutadiene	15.494	225	22741	18.244	ug/l	98
95) Naphthalene	15.635	128	115493	18.564	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	38684	18.975	ug/l	98

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ClientSampleId :
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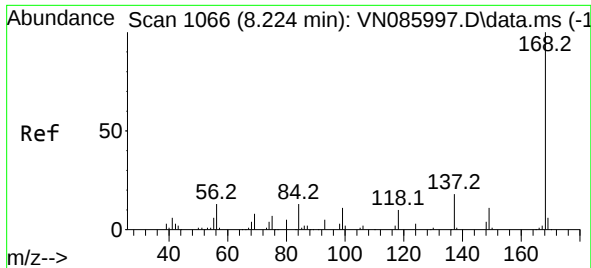
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
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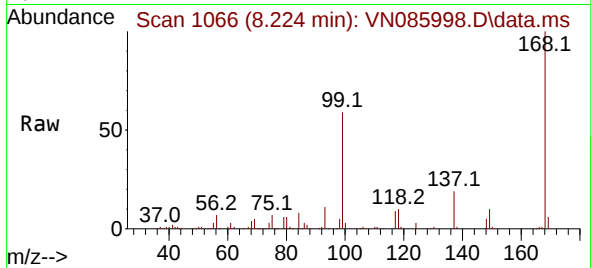
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN085998.D
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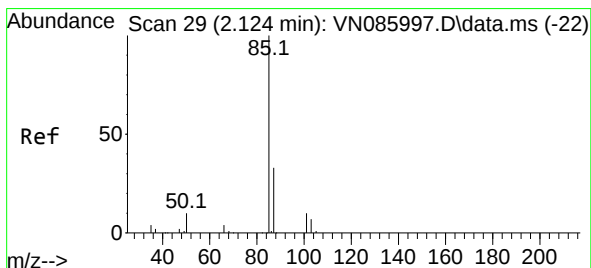
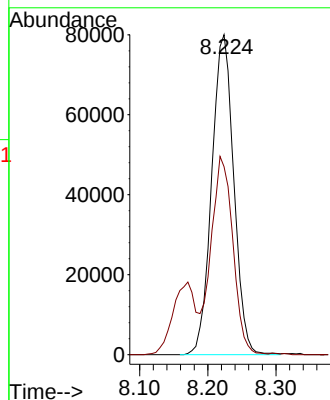
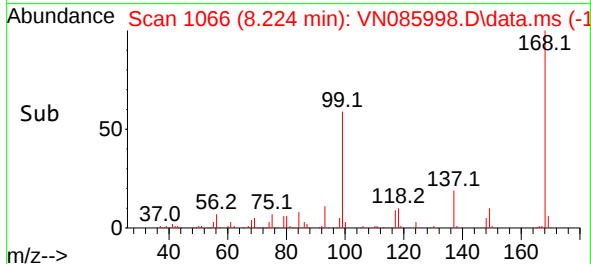
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 18026
Ion Ratio Lower Upper
168 100
99 58.6 49.4 74.2

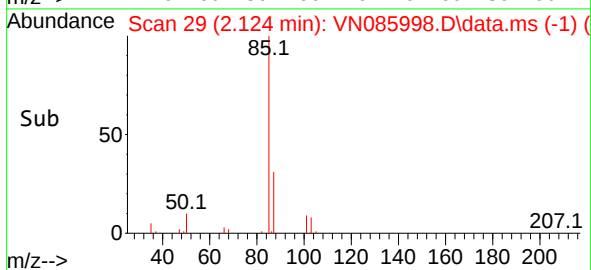
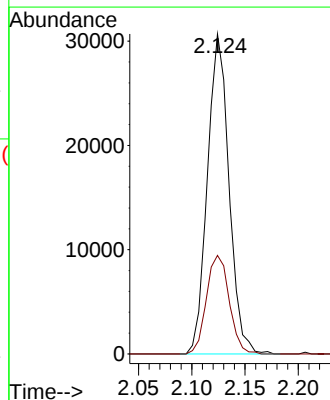
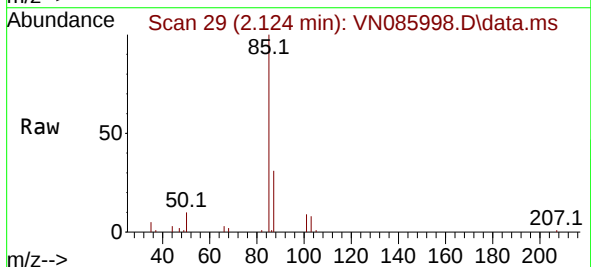
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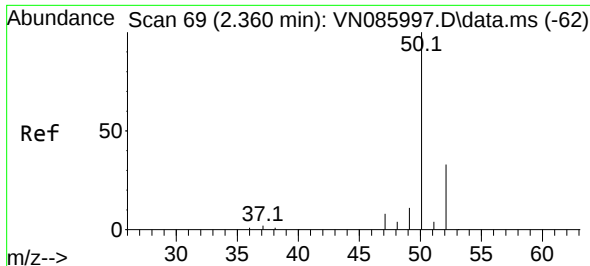
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#2
Dichlorodifluoromethane
Concen: 18.110 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Tgt Ion: 85 Resp: 43250
Ion Ratio Lower Upper
85 100
87 30.8 16.5 49.5





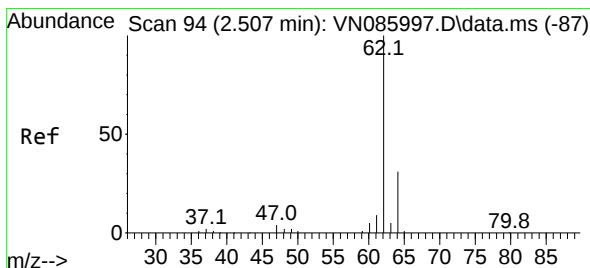
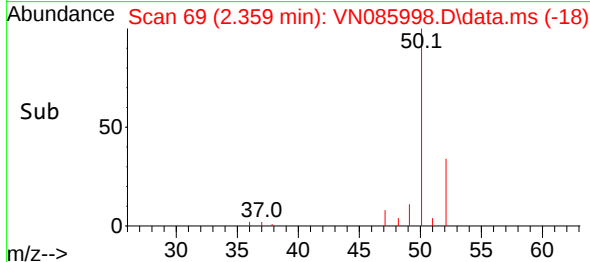
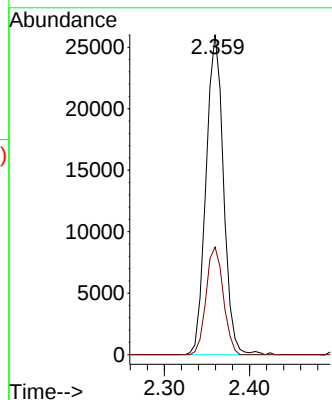
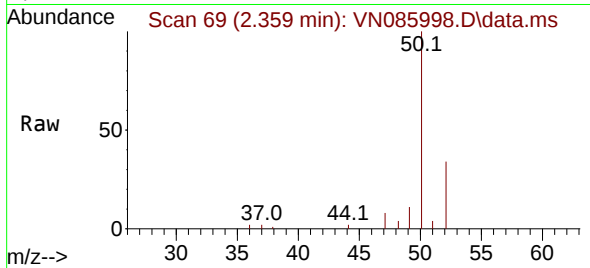
#3
Chloromethane
Concen: 17.697 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 3705
Ion Ratio Lower Upper
50 100
52 33.6 26.0 39.0

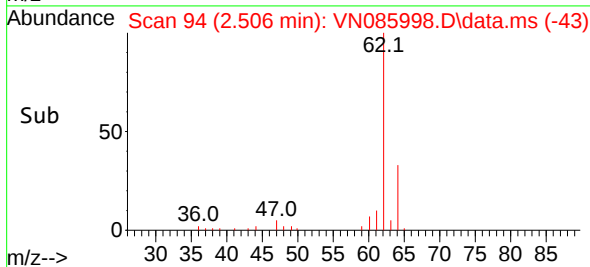
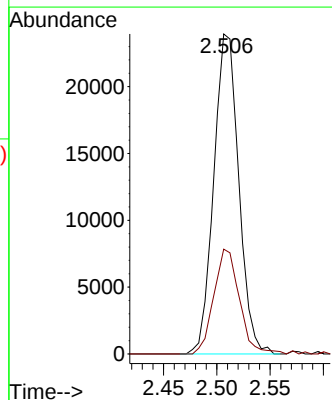
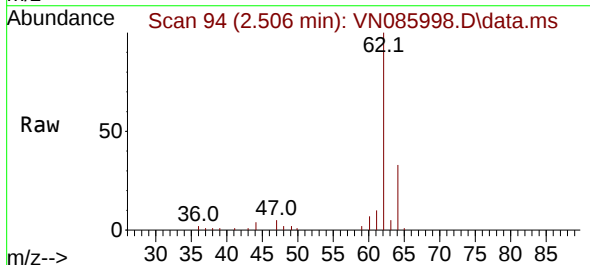
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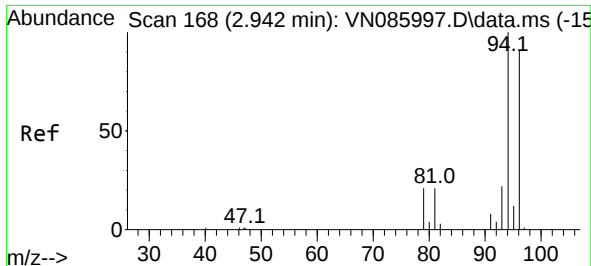
Reviewed By :John Carlone 03/19/2025
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#4
Vinyl Chloride
Concen: 18.236 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

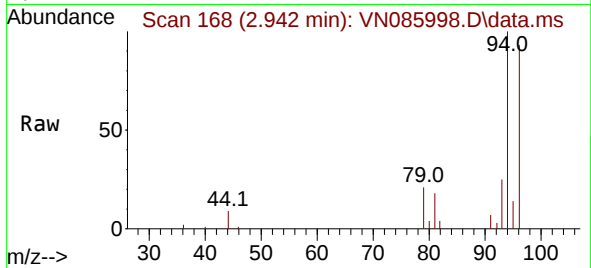
Tgt Ion: 62 Resp: 39037
Ion Ratio Lower Upper
62 100
64 32.8 25.2 37.8





#5
Bromomethane
Concen: 18.625 ug/l
RT: 2.942 min Scan# 115
Delta R.T. -0.000 min
Lab File: VN085998.D
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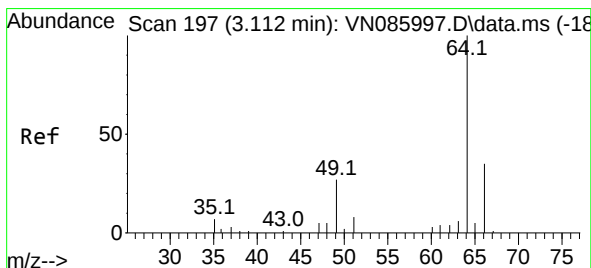
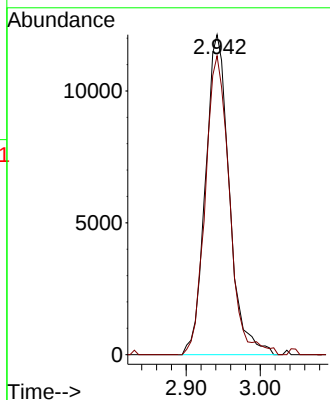
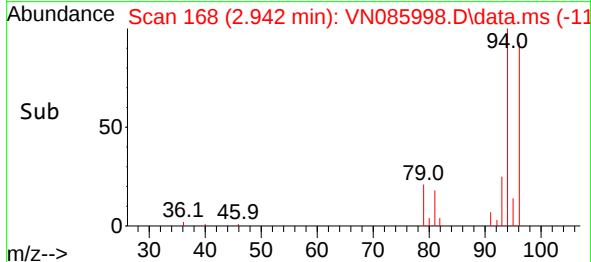
Instrument :
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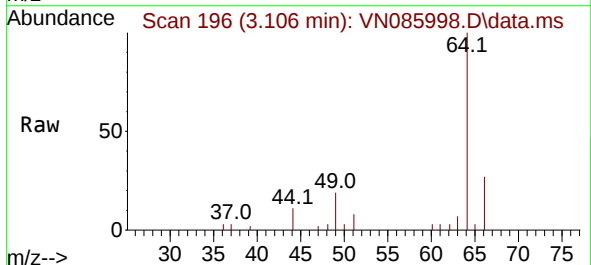
Tgt Ion: 94 Resp: 27158
Ion Ratio Lower Upper
94 100
96 93.4 72.8 109.2

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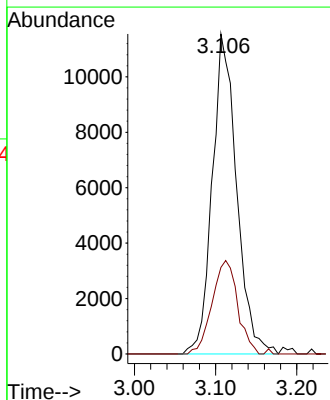
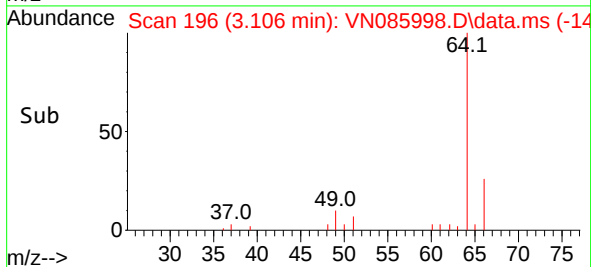
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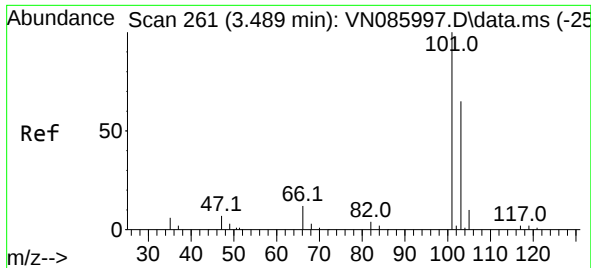


#6
Chloroethane
Concen: 17.829 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32



Tgt Ion: 64 Resp: 24077
Ion Ratio Lower Upper
64 100
66 27.1 28.3 42.5#





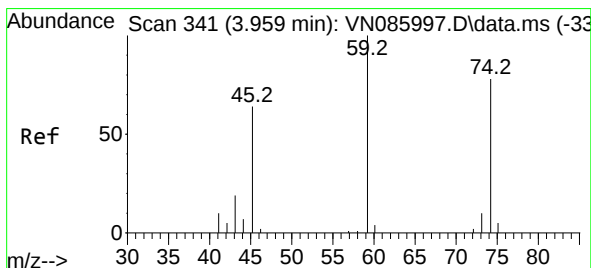
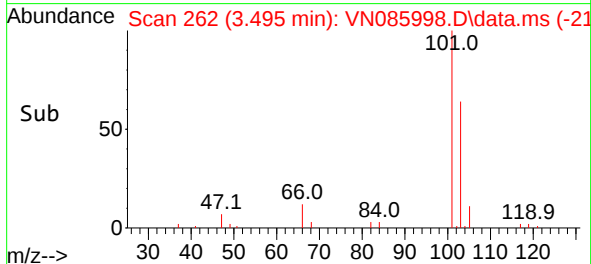
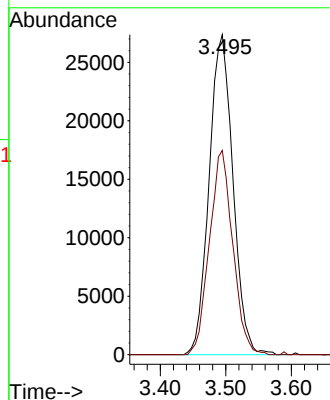
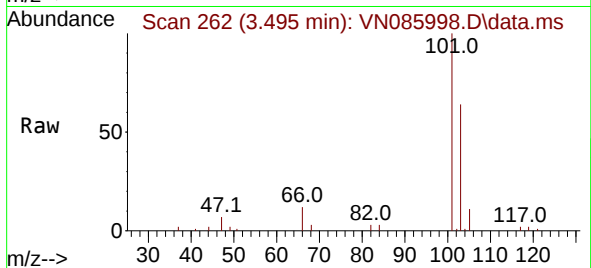
#7
Trichlorofluoromethane
Concen: 17.963 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 69120
Ion Ratio Lower Upper
101 100
103 63.8 51.7 77.5

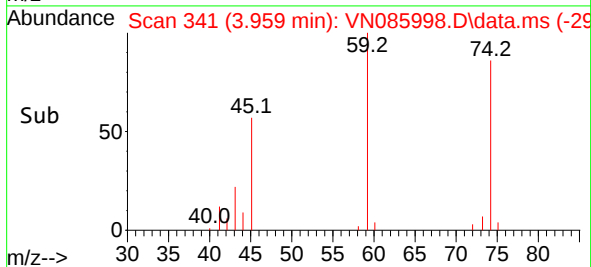
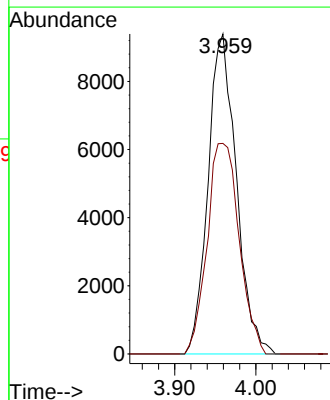
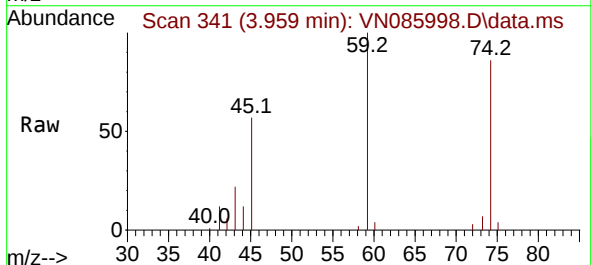
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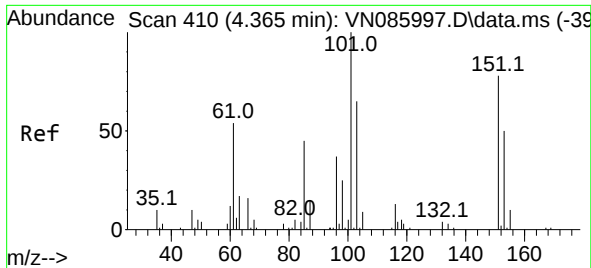
Reviewed By :John Carlone 03/19/2025
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#8
Diethyl Ether
Concen: 19.287 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Tgt Ion: 74 Resp: 22721
Ion Ratio Lower Upper
74 100
45 74.5 38.0 113.9





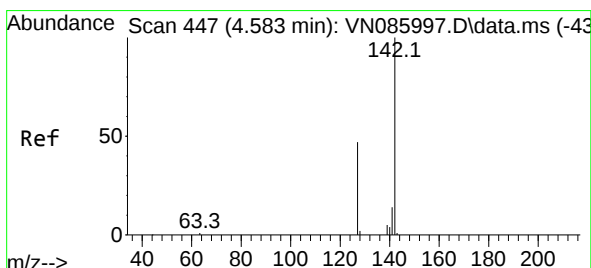
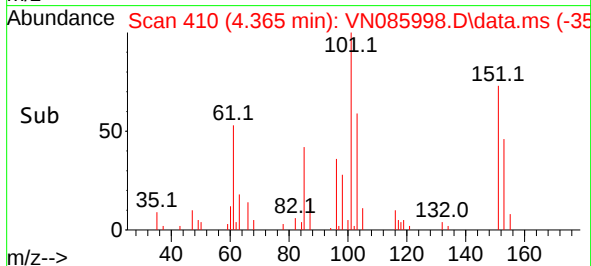
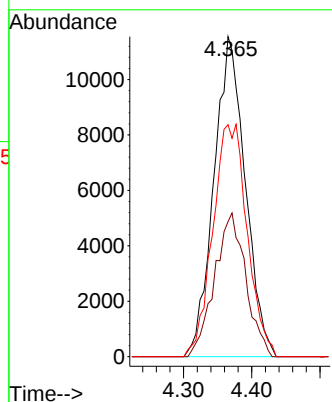
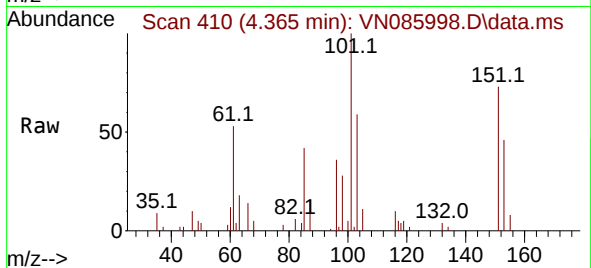
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.056 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 36929
Ion Ratio Lower Upper
101 100
85 44.7 36.5 54.7
151 79.4 63.4 95.0

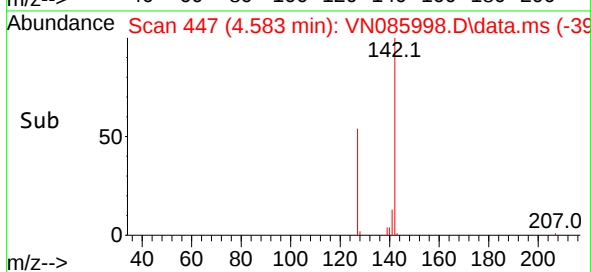
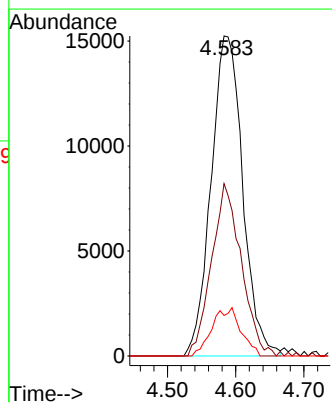
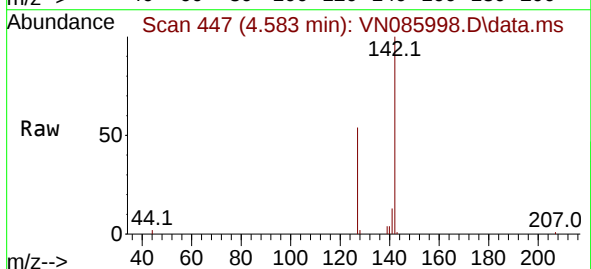
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#10
Methyl Iodide
Concen: 18.439 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Tgt Ion:142 Resp: 49138
Ion Ratio Lower Upper
142 100
127 53.9 37.5 56.3
141 12.7 11.0 16.6





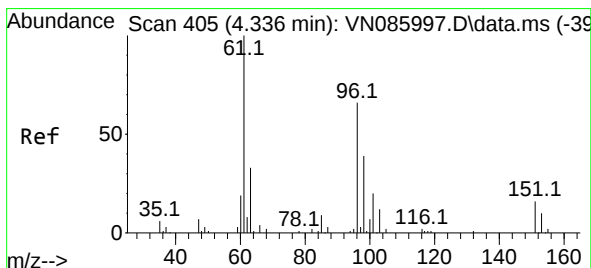
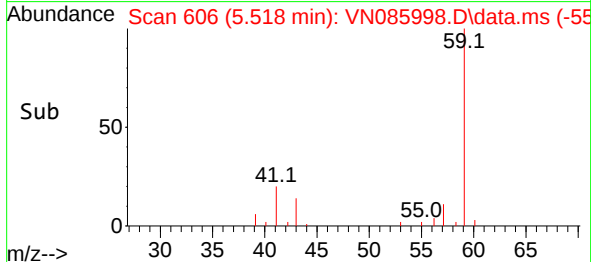
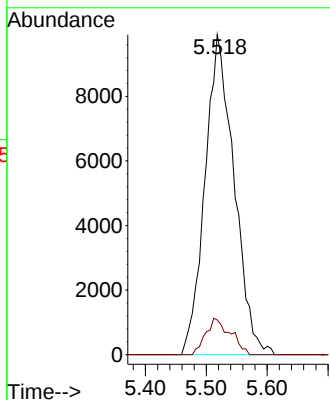
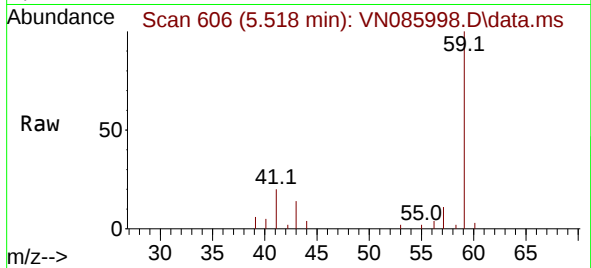
#11
Tert butyl alcohol
Concen: 94.099 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 3288
Ion Ratio Lower Upper
59 100
57 9.7 7.9 11.9

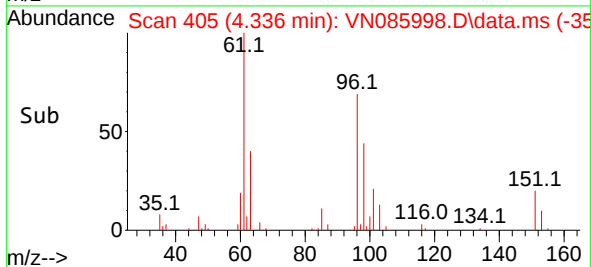
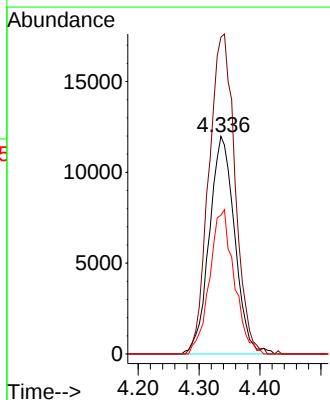
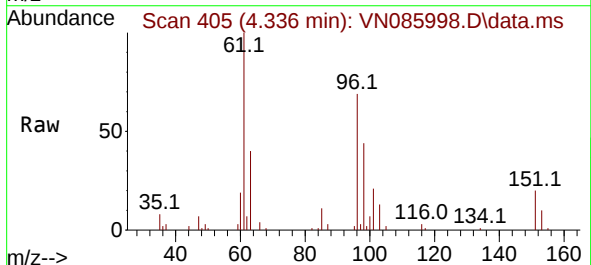
Manual Integrations
APPROVED

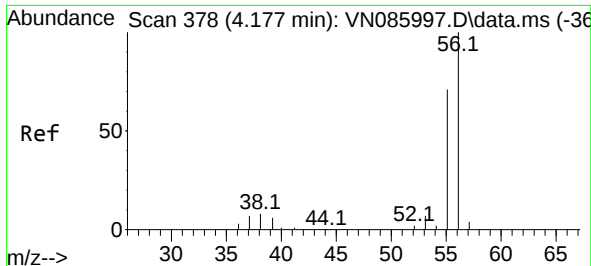
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#12
1,1-Dichloroethene
Concen: 18.786 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

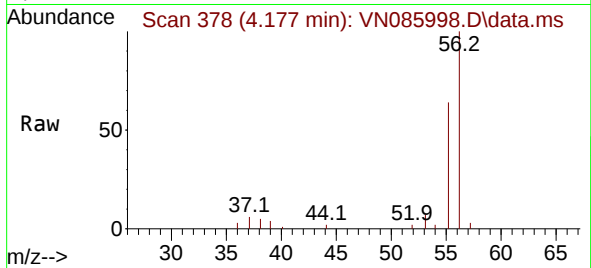
Tgt Ion: 96 Resp: 34693
Ion Ratio Lower Upper
96 100
61 145.6 120.5 180.7
98 63.8 47.4 71.0





#13
Acrolein
Concen: 101.056 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

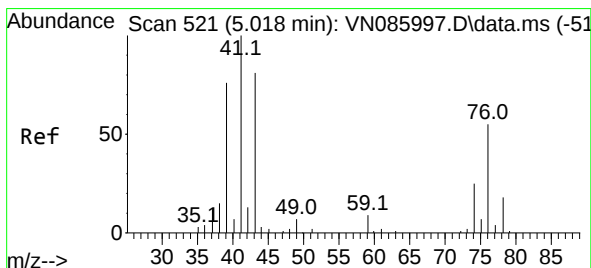
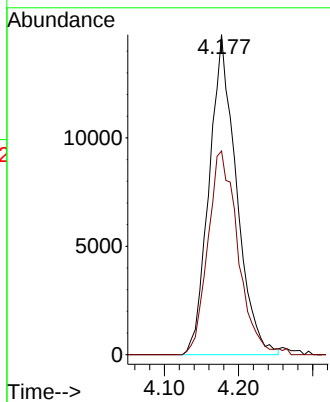
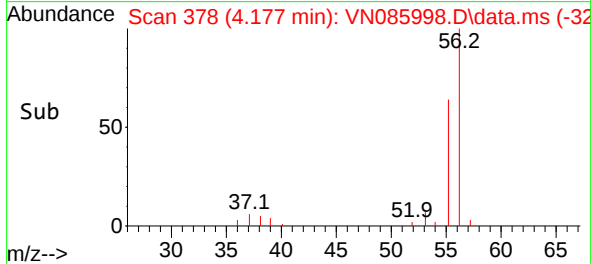
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



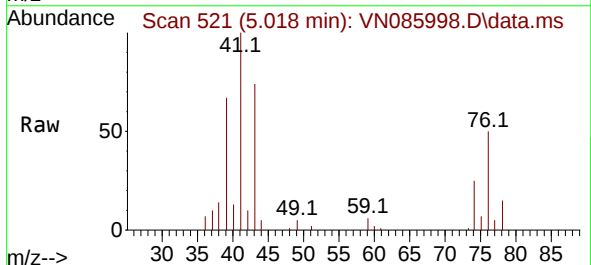
Tgt Ion: 56 Resp: 3766
Ion Ratio Lower Upper
56 100
55 69.7 55.1 82.7

Manual Integrations
APPROVED

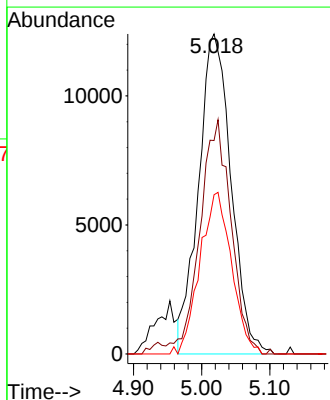
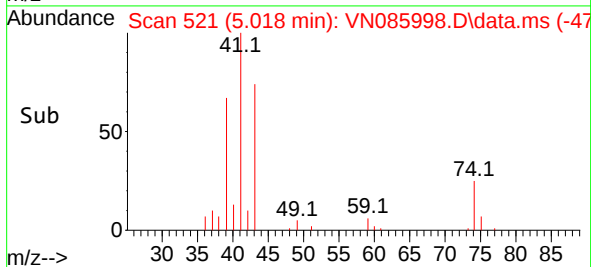
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

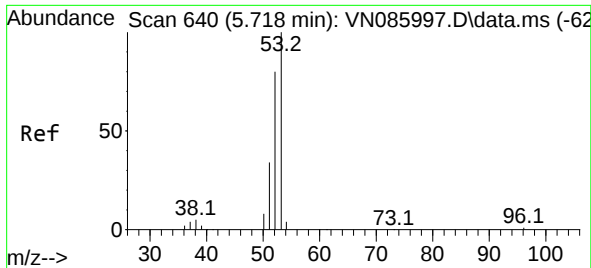


#14
Allyl chloride
Concen: 17.894 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32



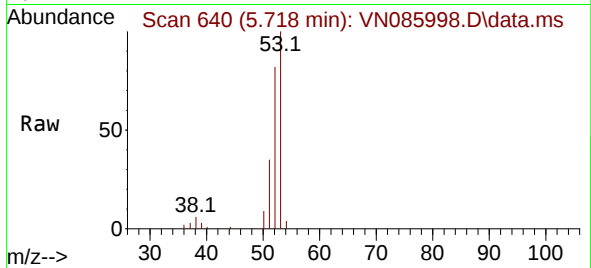
Tgt Ion: 41 Resp: 41227
Ion Ratio Lower Upper
41 100
39 70.0 55.5 83.3
76 49.1 39.1 58.7





#15
Acrylonitrile
Concen: 95.601 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

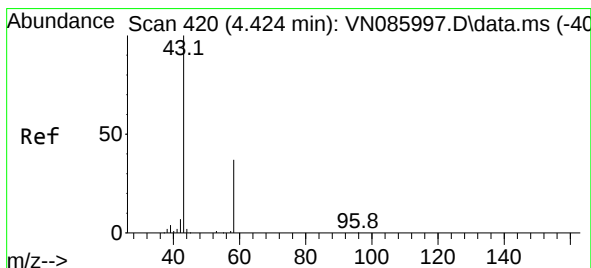
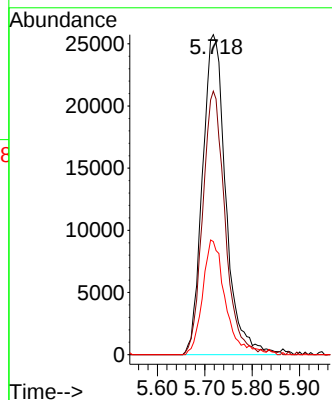
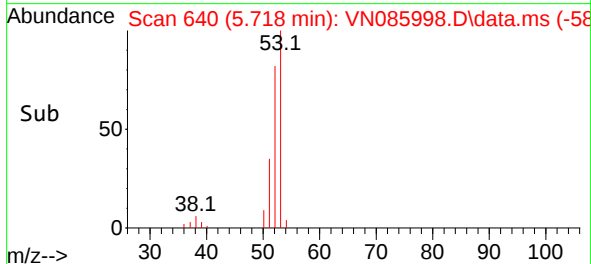
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 53 Resp: 88238
Ion Ratio Lower Upper
53 100
52 78.1 63.9 95.9
51 34.8 27.1 40.7

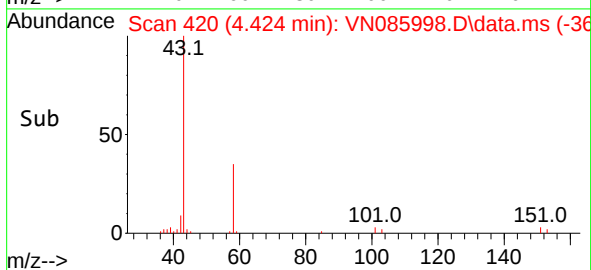
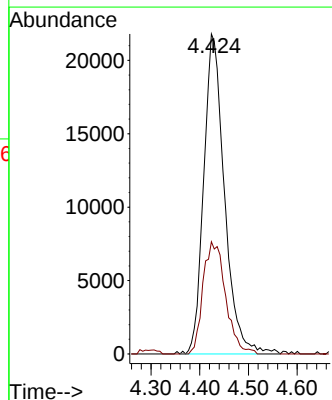
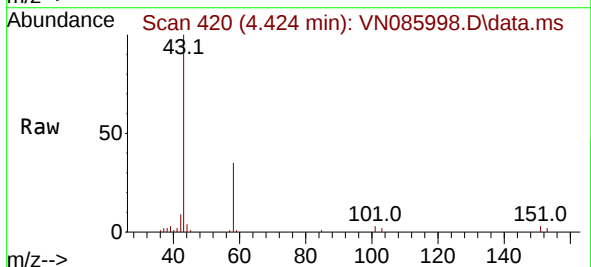
Manual Integrations
APPROVED

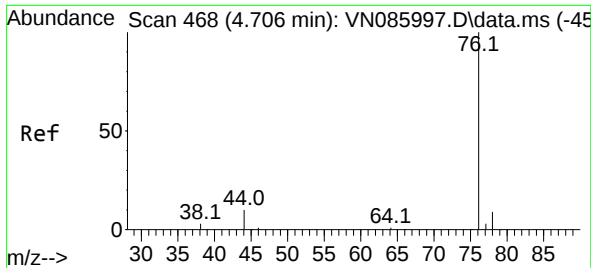
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#16
Acetone
Concen: 85.367 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

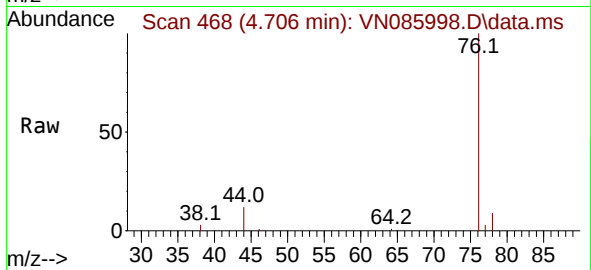
Tgt Ion: 43 Resp: 64377
Ion Ratio Lower Upper
43 100
58 35.0 29.4 44.2





#17
Carbon Disulfide
Concen: 17.420 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

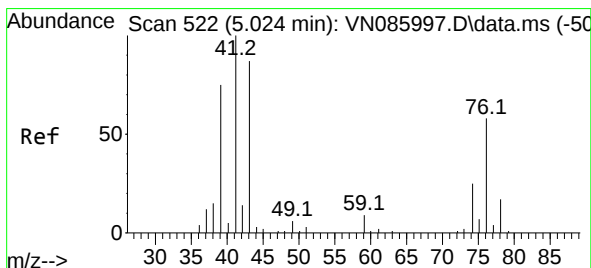
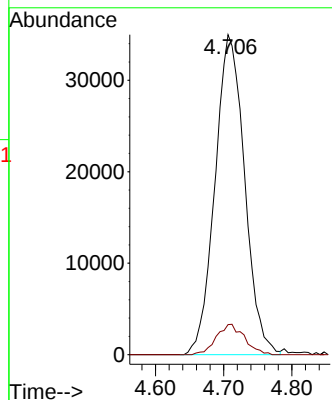
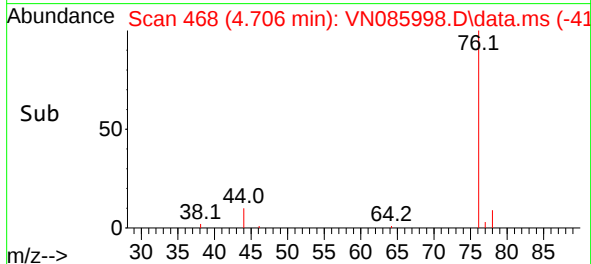
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 105800
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

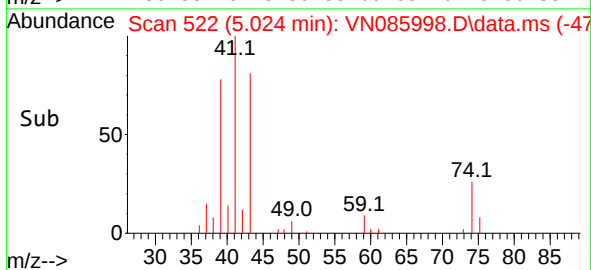
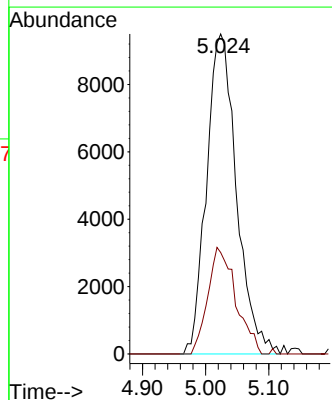
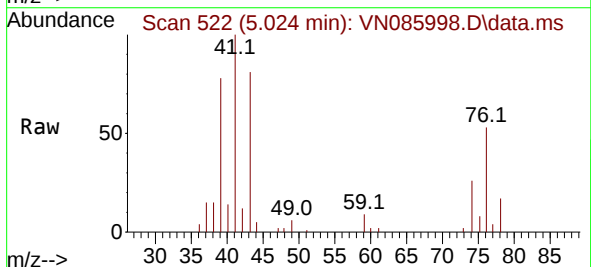
Manual Integrations
APPROVED

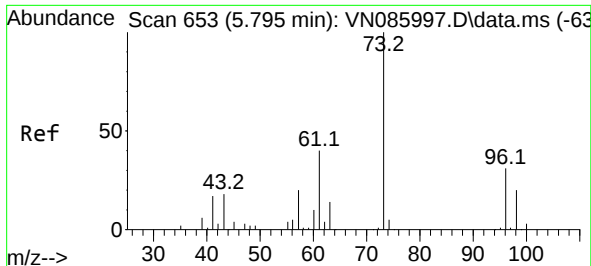
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#18
Methyl Acetate
Concen: 16.787 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

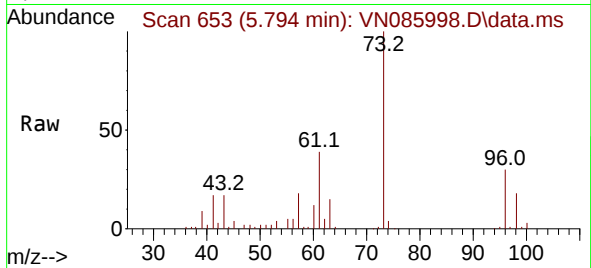
Tgt Ion: 43 Resp: 31321
Ion Ratio Lower Upper
43 100
74 31.2 23.9 35.9





#19
Methyl tert-butyl Ether
Concen: 18.802 ug/l
RT: 5.794 min Scan# 613
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

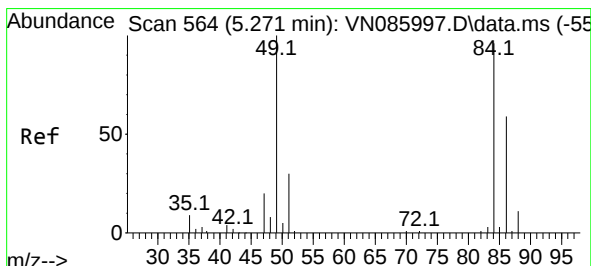
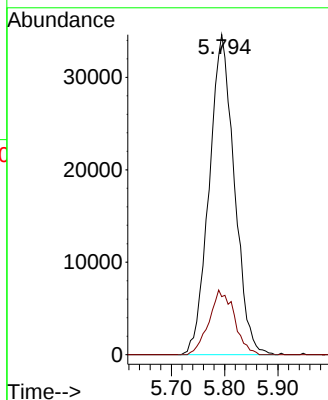
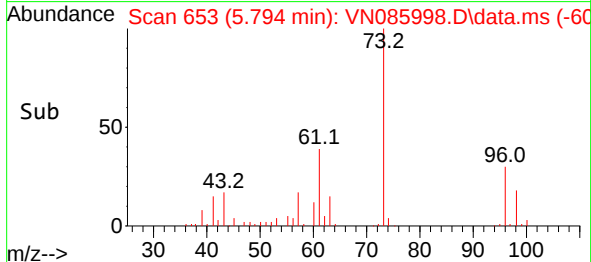
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



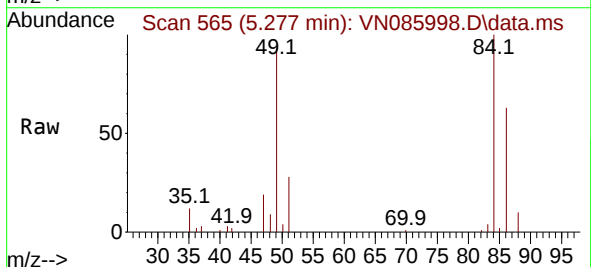
Tgt Ion: 73 Resp: 113784
Ion Ratio Lower Upper
73 100
57 18.2 16.1 24.1

Manual Integrations
APPROVED

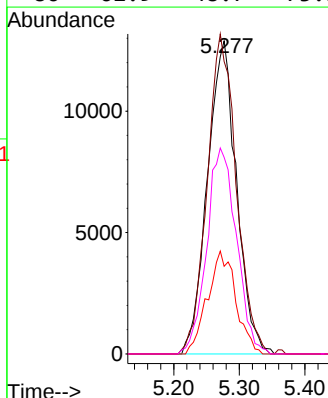
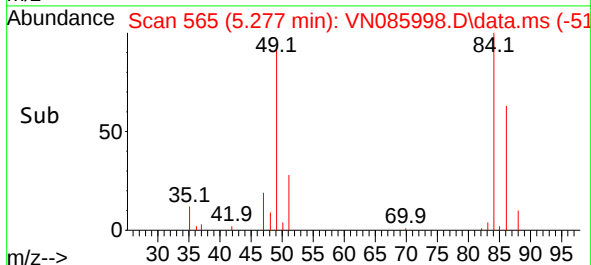
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#20
Methylene Chloride
Concen: 18.021 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32



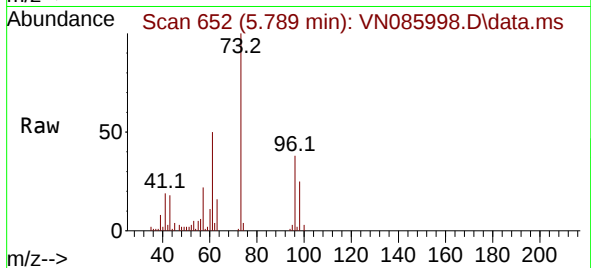
Tgt Ion: 84 Resp: 39757
Ion Ratio Lower Upper
84 100
49 93.5 83.3 124.9
51 28.0 24.8 37.2
86 62.9 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 18.598 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

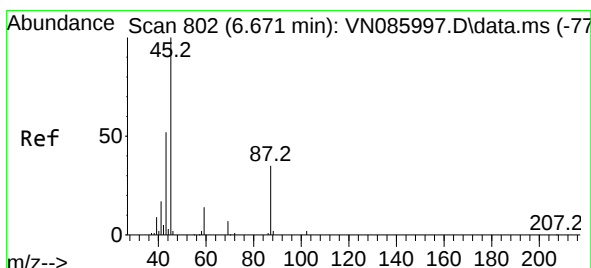
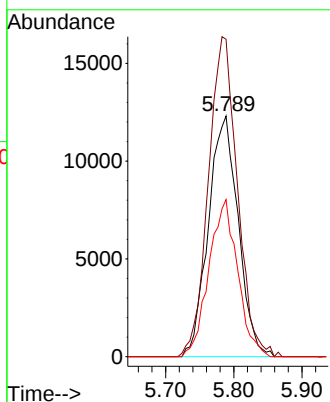
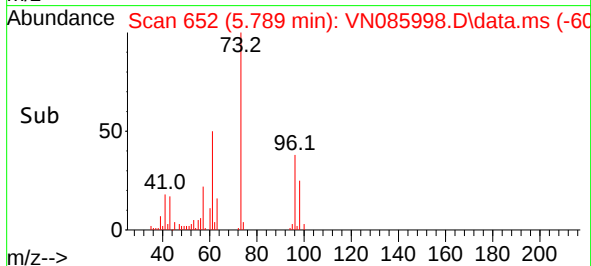
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 37530
Ion Ratio Lower Upper
96 100
61 132.0 106.6 160.0
98 65.3 50.0 75.0

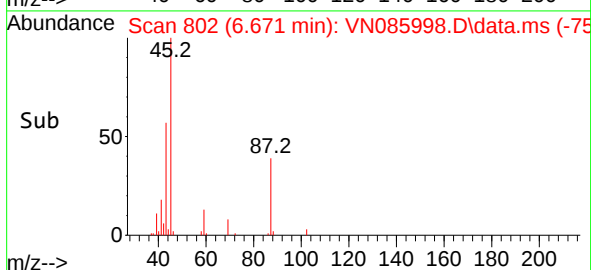
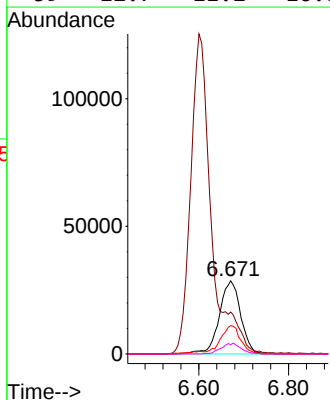
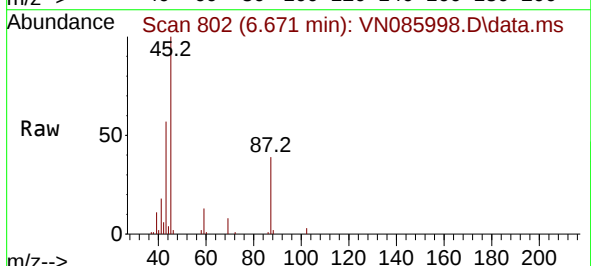
Manual Integrations
APPROVED

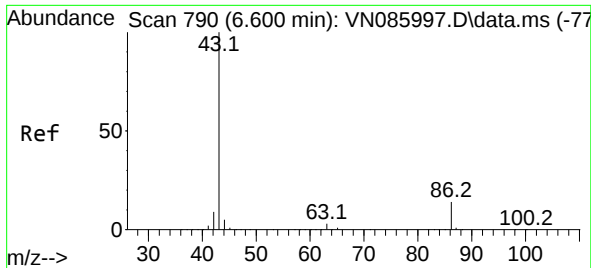
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#22
Diisopropyl ether
Concen: 19.341 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

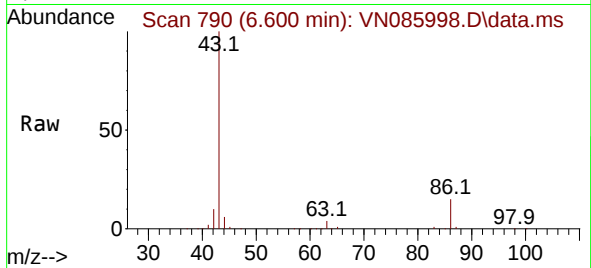
Tgt Ion: 45 Resp: 94961
Ion Ratio Lower Upper
45 100
43 56.2 41.2 61.8
87 38.8 28.5 42.7
59 12.7 11.2 16.8





#23
 Vinyl Acetate
 Concen: 99.232 ug/l m
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN085998.D
 Acq: 18 Mar 2025 12:32

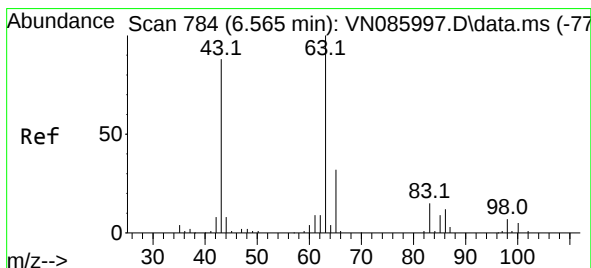
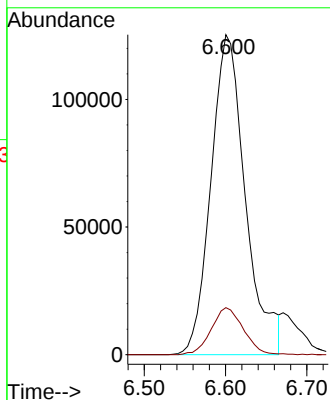
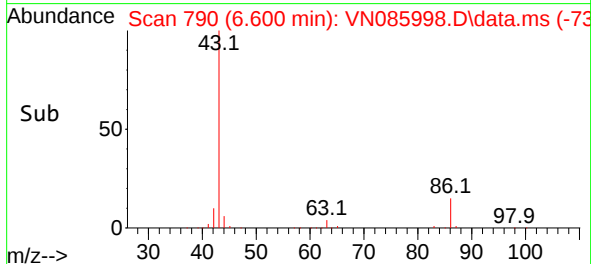
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



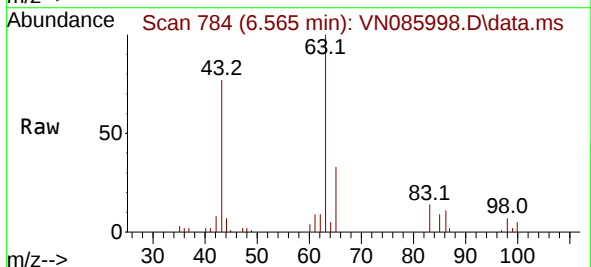
Tgt Ion: 43 Resp: 36935
 Ion Ratio Lower Upper
 43 100
 86 14.7 11.2 16.8

Manual Integrations
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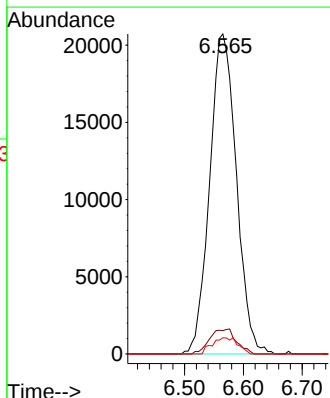
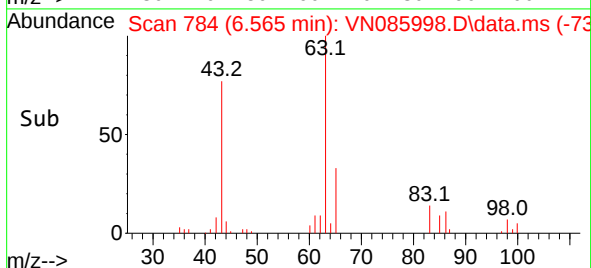
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025

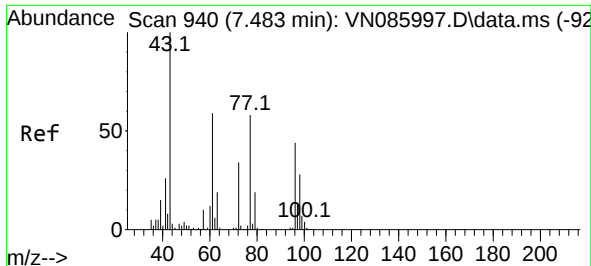


#24
 1,1-Dichloroethane
 Concen: 18.131 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085998.D
 Acq: 18 Mar 2025 12:32



Tgt Ion: 63 Resp: 65460
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 5.1 2.5 7.5





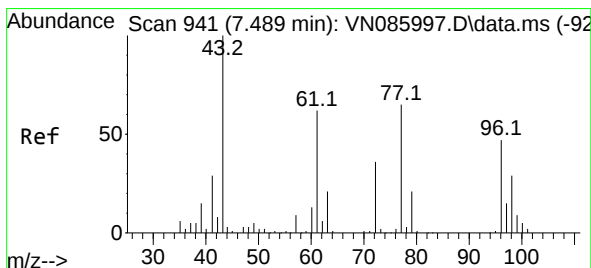
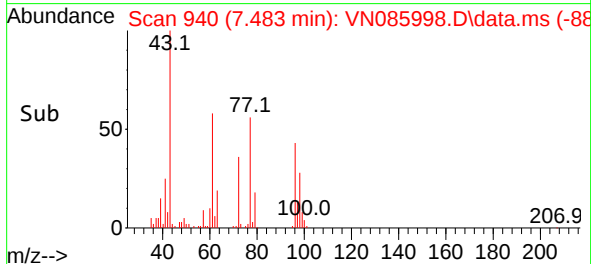
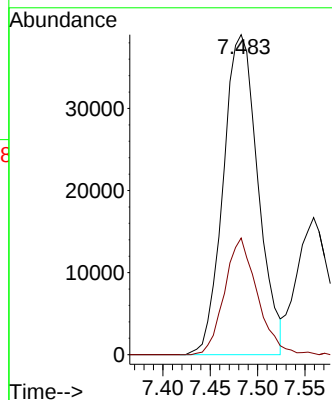
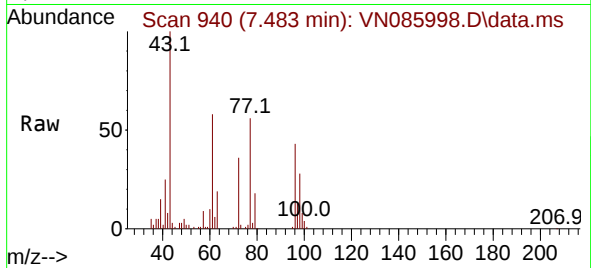
#25
2-Butanone
Concen: 91.662 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 9974
Ion Ratio Lower Upper
43 100
72 36.5 27.4 41.0

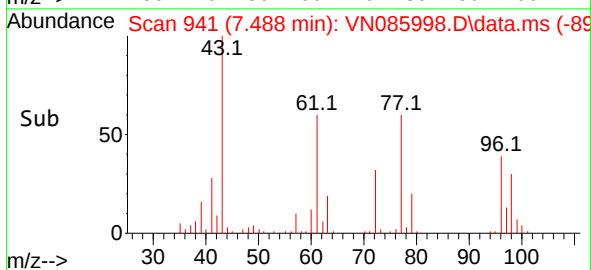
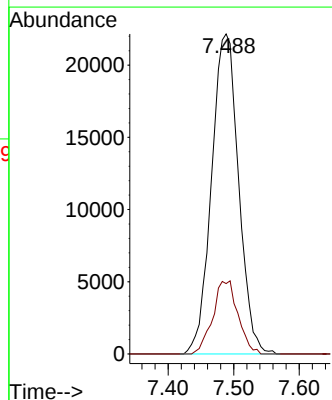
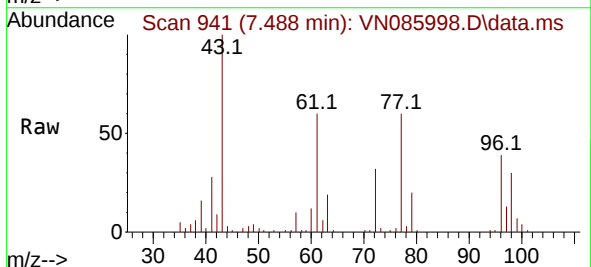
Manual Integrations
APPROVED

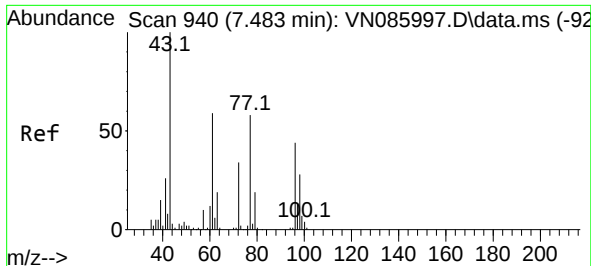
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#26
2,2-Dichloropropane
Concen: 18.249 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

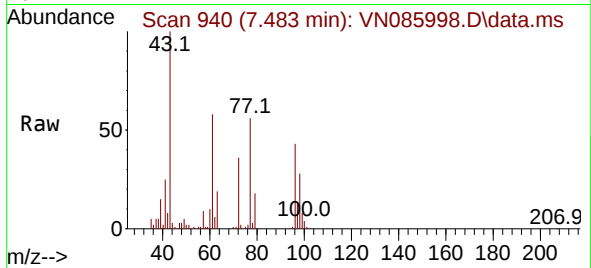
Tgt Ion: 77 Resp: 63430
Ion Ratio Lower Upper
77 100
97 21.2 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.573 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085998.D
 Acq: 18 Mar 2025 12:32

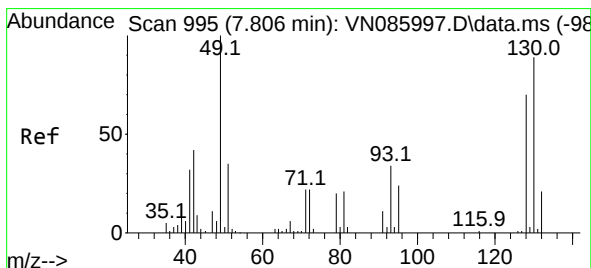
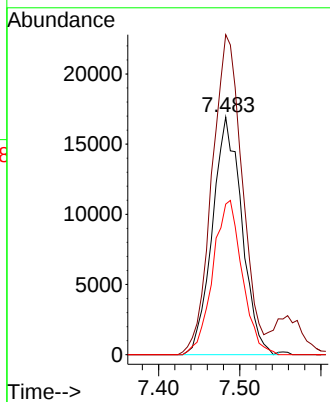
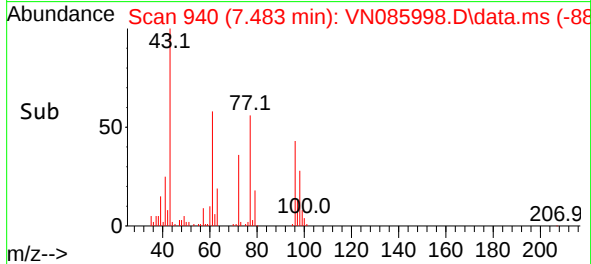
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



Tgt Ion: 96 Resp: 42598
 Ion Ratio Lower Upper
 96 100
 61 138.5 0.0 272.8
 98 65.0 0.0 124.8

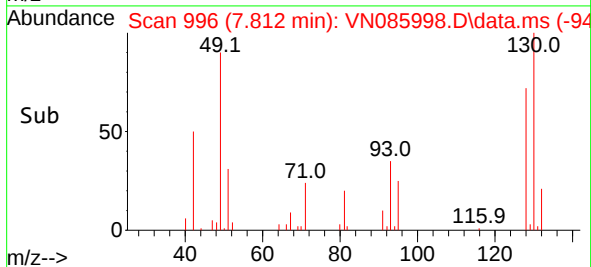
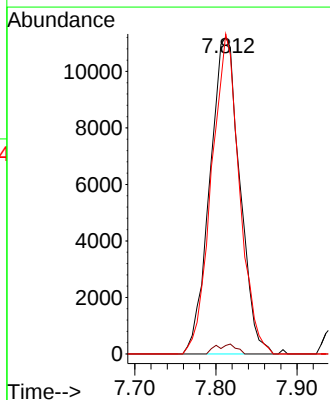
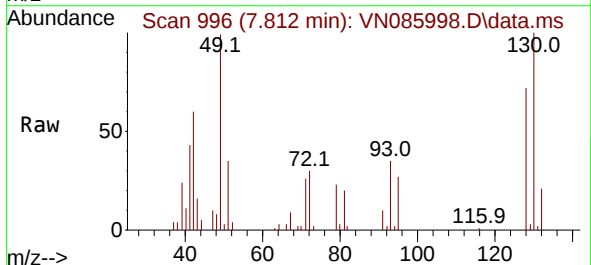
Manual Integrations
 APPROVED

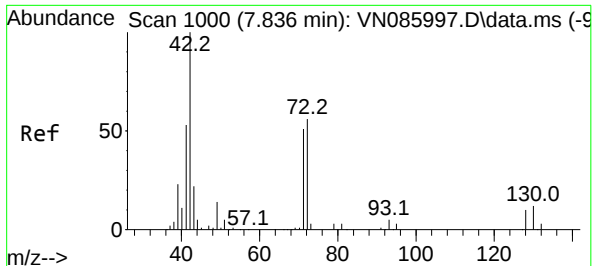
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025



#28
 Bromochloromethane
 Concen: 18.755 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085998.D
 Acq: 18 Mar 2025 12:32

Tgt Ion: 49 Resp: 28688
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 94.1 74.2 111.4





#29

Tetrahydrofuran

Concen: 98.119 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085998.D

Acq: 18 Mar 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

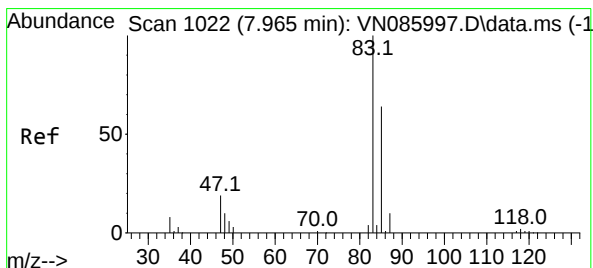
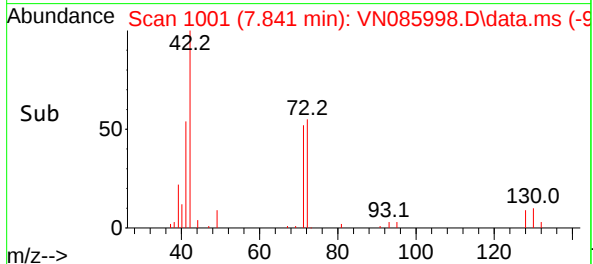
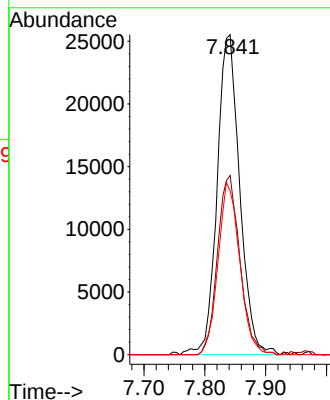
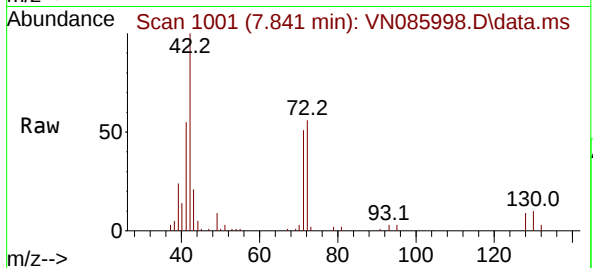
Tgt Ion:	42	Resp:	6591
Ion	Ratio	Lower	Upper
42	100		
72	55.4	45.0	67.4
71	51.6	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#30

Chloroform

Concen: 18.259 ug/l

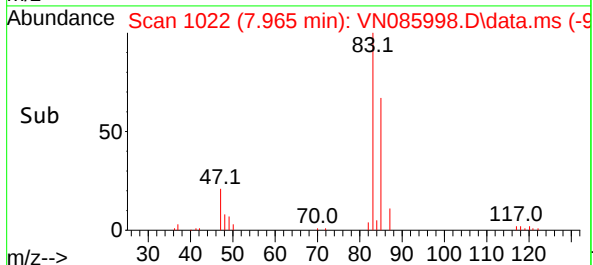
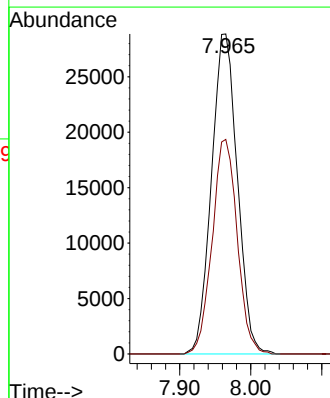
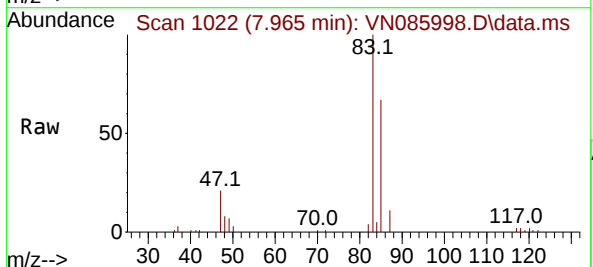
RT: 7.965 min Scan# 1022

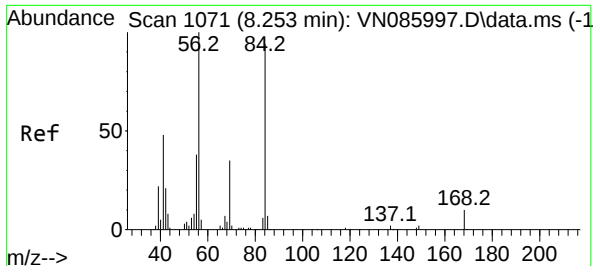
Delta R.T. -0.000 min

Lab File: VN085998.D

Acq: 18 Mar 2025 12:32

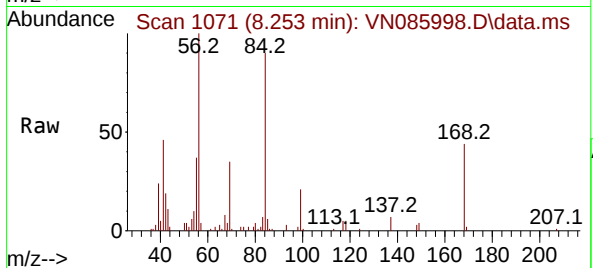
Tgt Ion:	83	Resp:	72867
Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.5	77.3





#31
Cyclohexane
Concen: 17.940 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

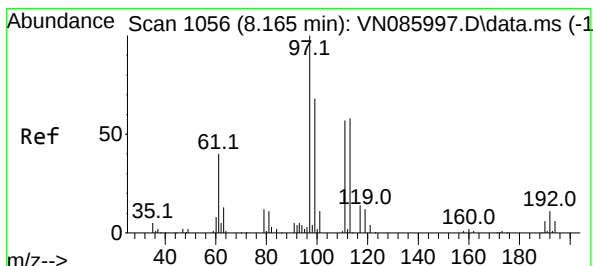
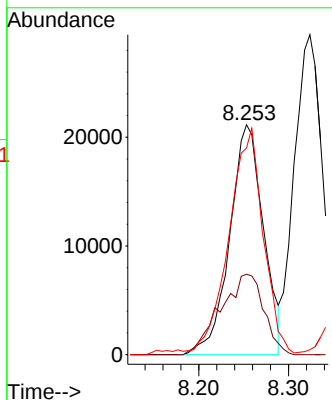
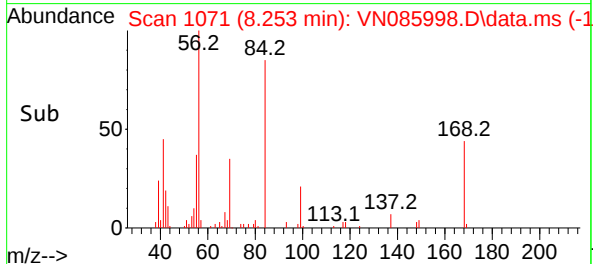
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



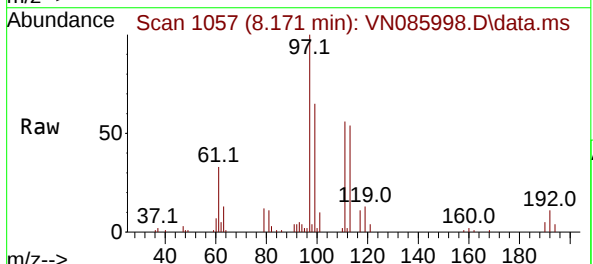
Tgt Ion: 56 Resp: 55179
Ion Ratio Lower Upper
56 100
69 35.0 28.0 42.0
84 87.8 75.0 112.6

Manual Integrations
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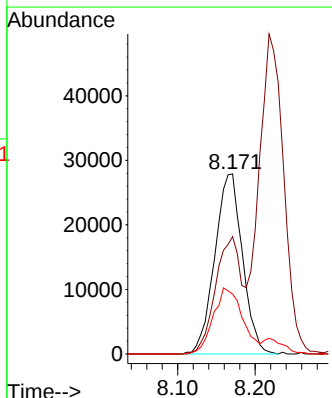
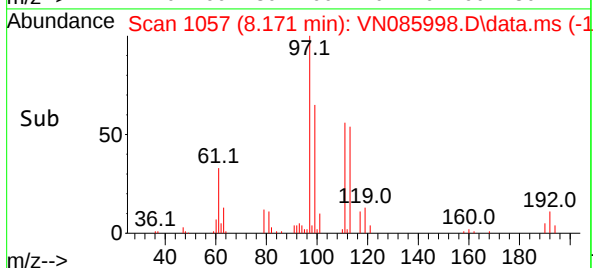
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

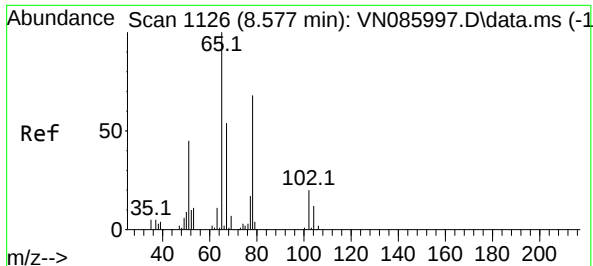


#32
1,1,1-Trichloroethane
Concen: 18.369 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32



Tgt Ion: 97 Resp: 69390
Ion Ratio Lower Upper
97 100
99 62.3 52.8 79.2
61 38.9 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 19.534 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN085998.D

Acq: 18 Mar 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 48218

Ion Ratio Lower Upper

65 100

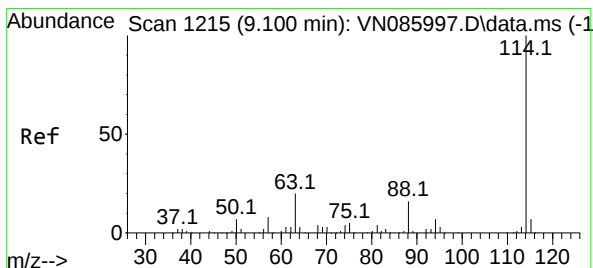
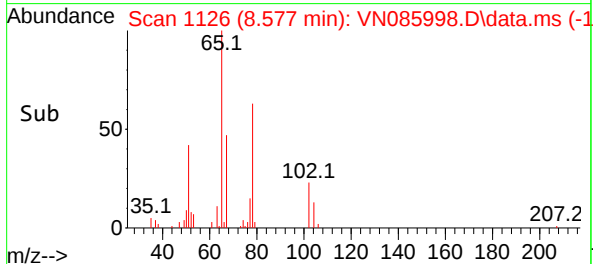
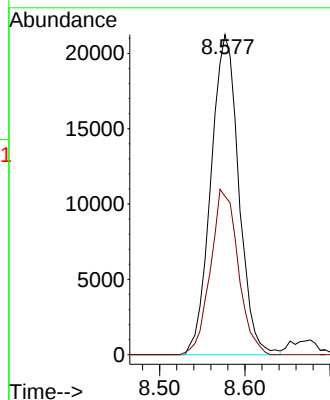
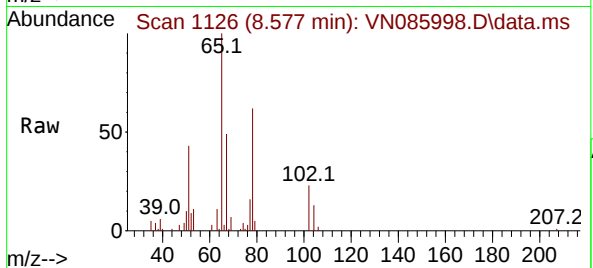
67 51.3 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN085998.D

Acq: 18 Mar 2025 12:32

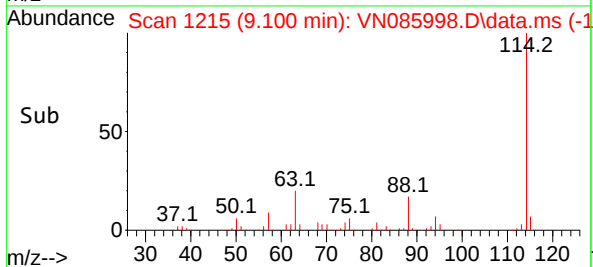
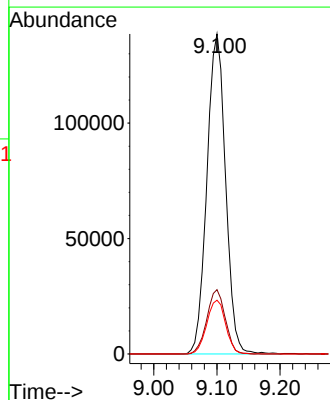
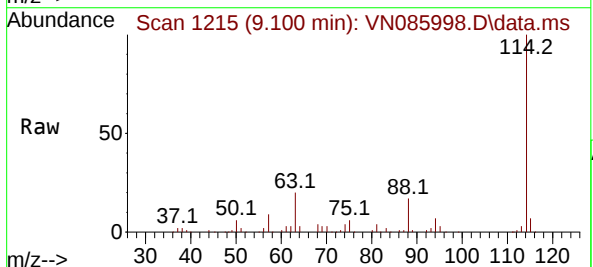
Tgt Ion:114 Resp: 284537

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

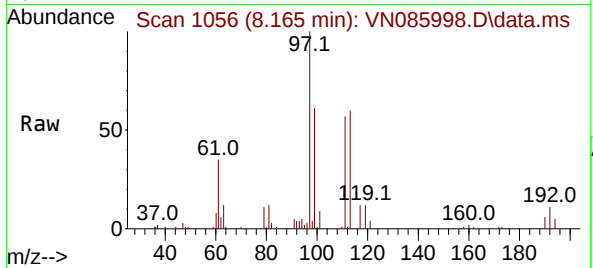
88 16.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 19.905 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

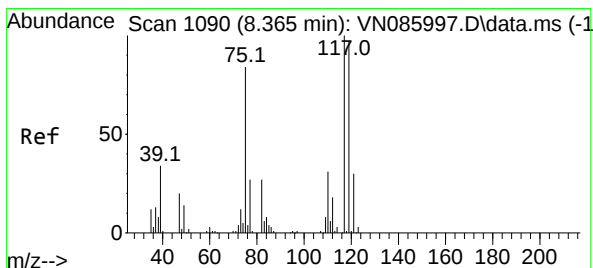
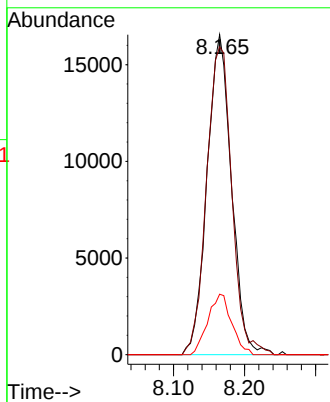
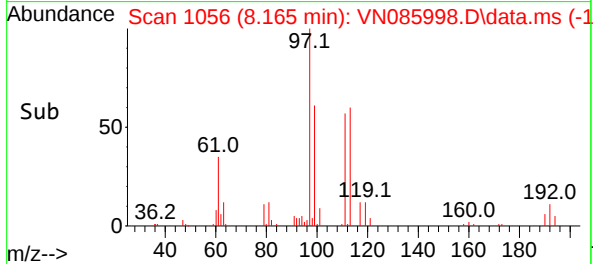
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



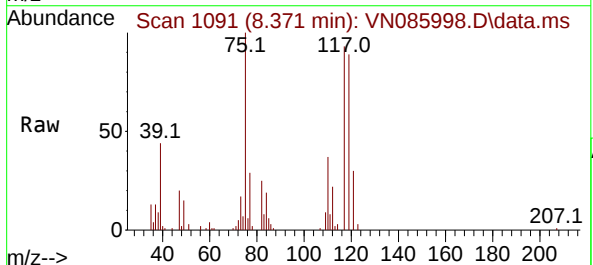
Tgt Ion: 113 Resp: 3953
Ion Ratio Lower Upper
113 100
111 99.6 81.8 122.8
192 18.4 15.9 23.9

Manual Integrations
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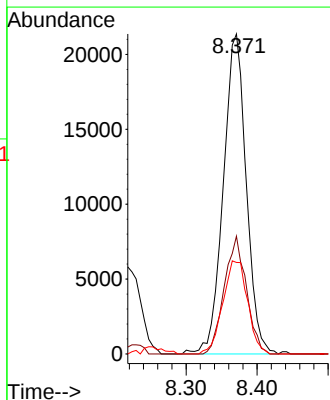
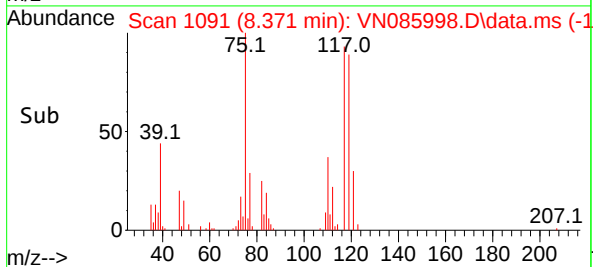
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

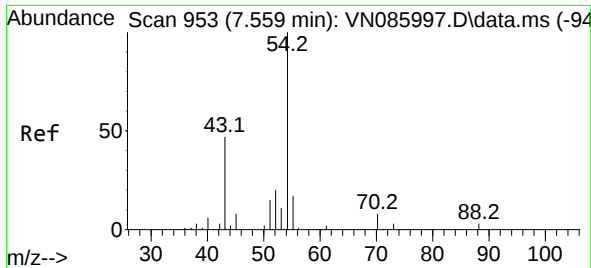


#36
1,1-Dichloropropene
Concen: 18.317 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32



Tgt Ion: 75 Resp: 47900
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.3
77 31.5 25.0 37.4





#37

Ethyl Acetate

Concen: 18.899 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN085998.D

Acq: 18 Mar 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

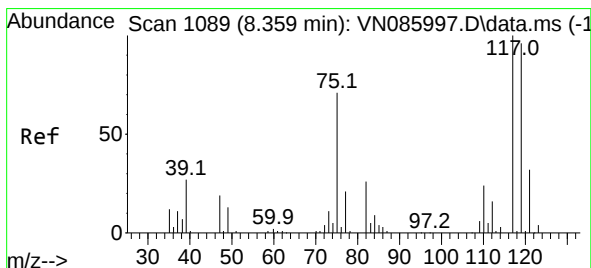
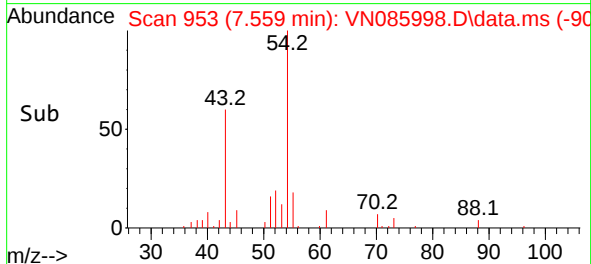
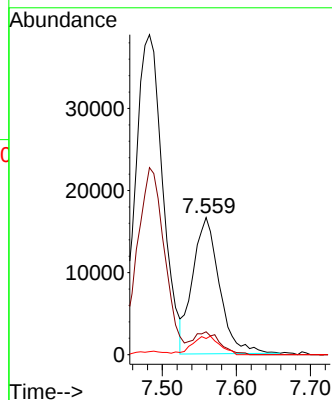
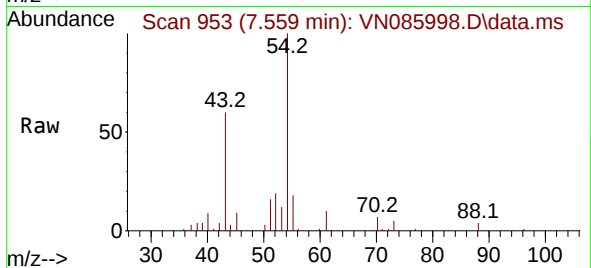
Tgt Ion:	43	Resp:	41690
Ion	Ratio	Lower	Upper
43	100		
61	15.9	13.0	19.4
70	13.9	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#38

Carbon Tetrachloride

Concen: 18.440 ug/l

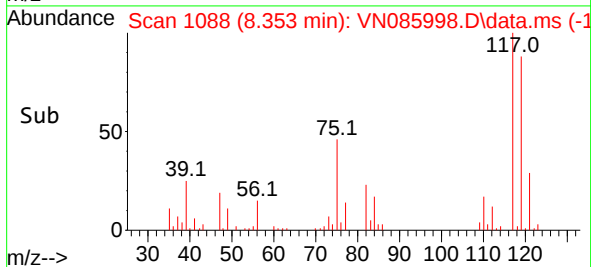
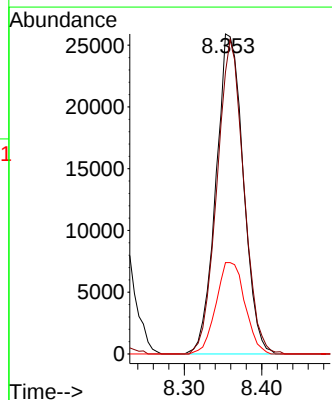
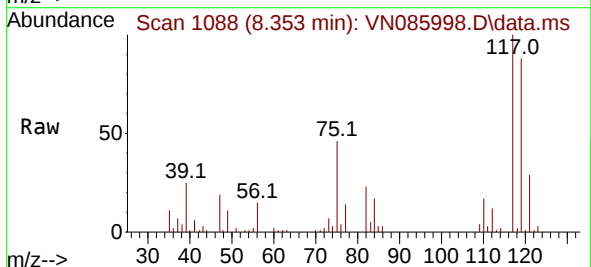
RT: 8.353 min Scan# 1088

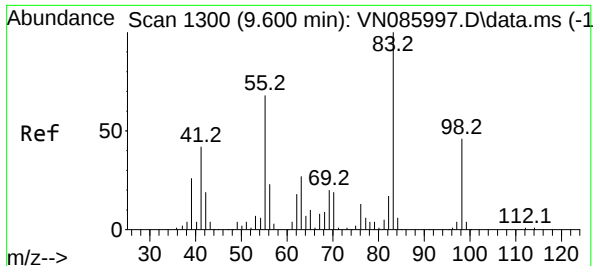
Delta R.T. -0.006 min

Lab File: VN085998.D

Acq: 18 Mar 2025 12:32

Tgt Ion:	117	Resp:	63404
Ion	Ratio	Lower	Upper
117	100		
119	88.1	77.0	115.4
121	28.6	25.6	38.4





#39

Methylcyclohexane

Concen: 18.359 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085998.D

Acq: 18 Mar 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 4763

Ion Ratio Lower Upper

83 100

55 74.2 54.2 81.2

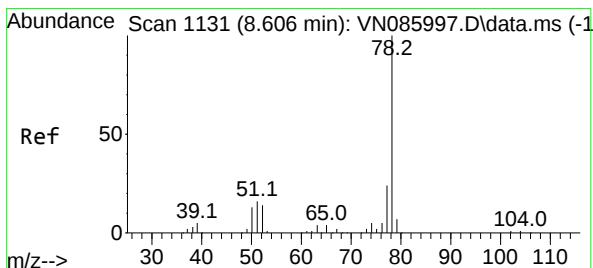
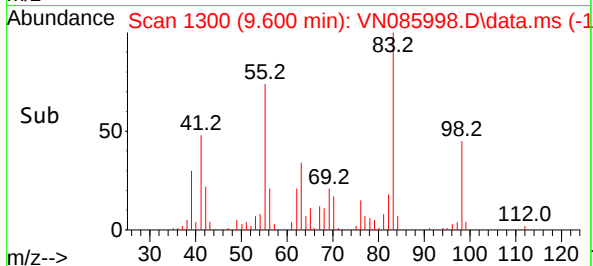
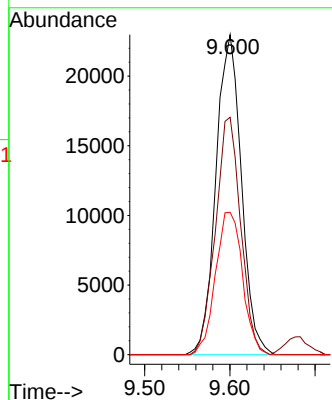
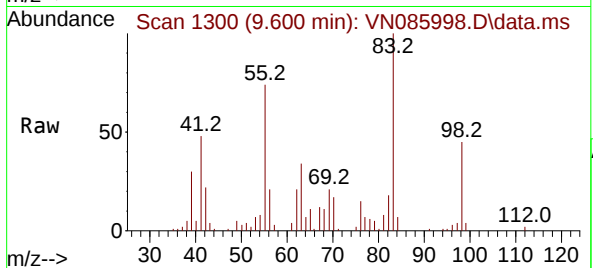
98 44.5 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#40

Benzene

Concen: 18.690 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN085998.D

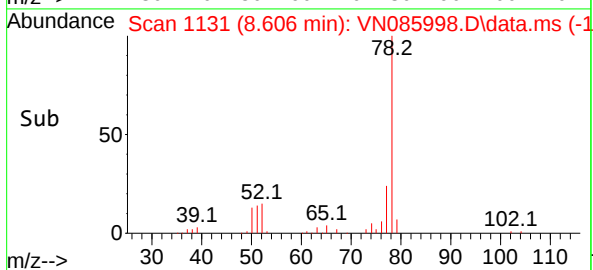
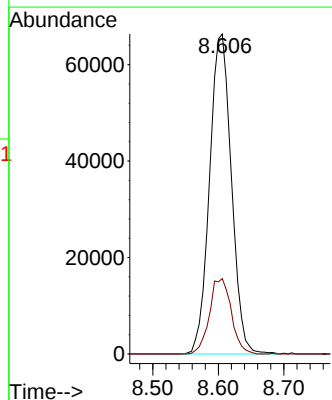
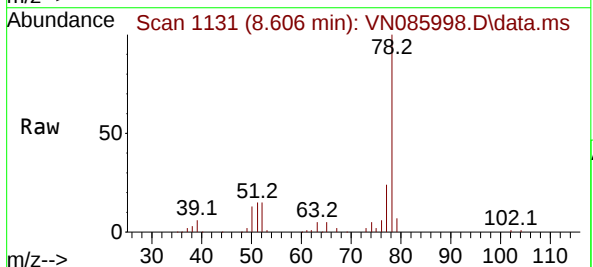
Acq: 18 Mar 2025 12:32

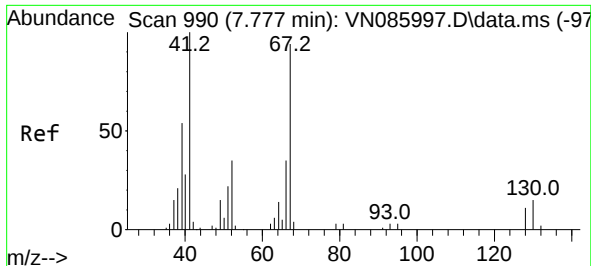
Tgt Ion: 78 Resp: 153432

Ion Ratio Lower Upper

78 100

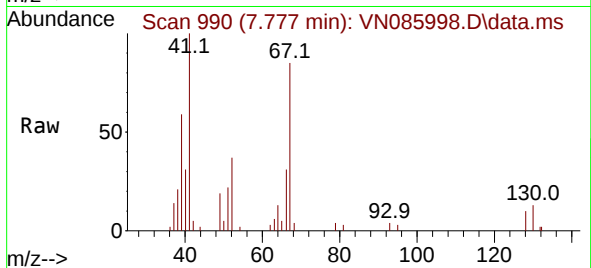
77 23.5 18.9 28.3





#41
Methacrylonitrile
Concen: 20.242 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

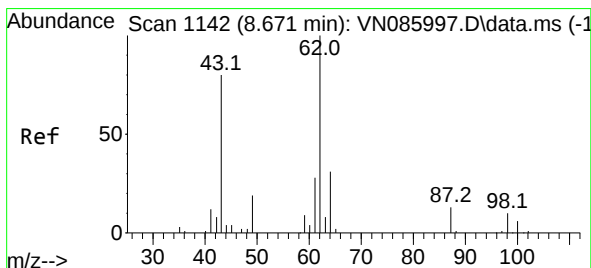
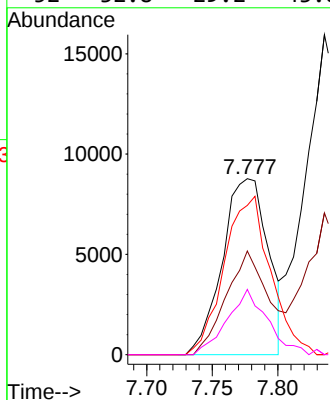
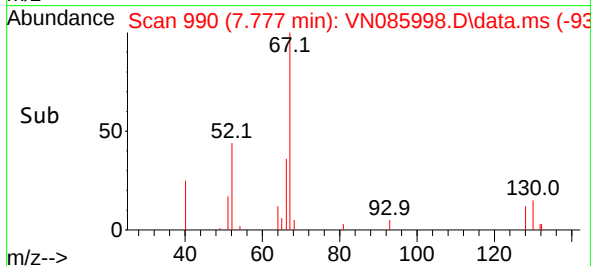
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



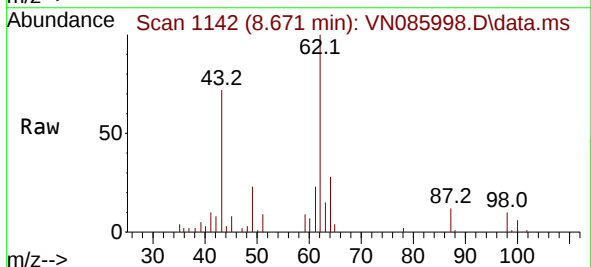
Tgt Ion: 41 Resp: 21324
Ion Ratio Lower Upper
41 100
39 55.7 46.2 69.2
67 91.0 75.9 113.9
52 32.8 29.2 43.8

Manual Integrations
APPROVED

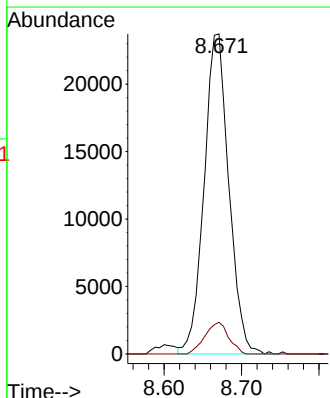
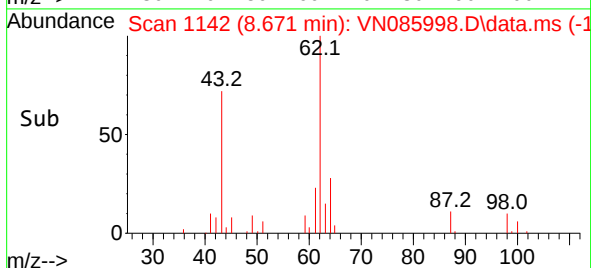
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

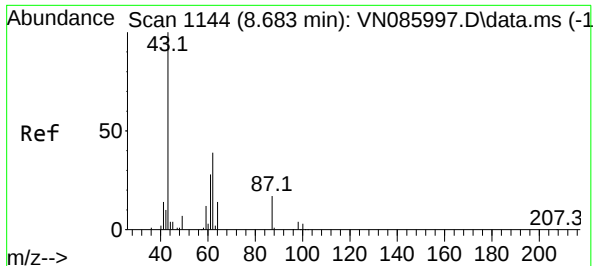


#42
1,2-Dichloroethane
Concen: 18.401 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32



Tgt Ion: 62 Resp: 52637
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.6





#43

Isopropyl Acetate

Concen: 18.838 ug/l m

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085998.D

Acq: 18 Mar 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

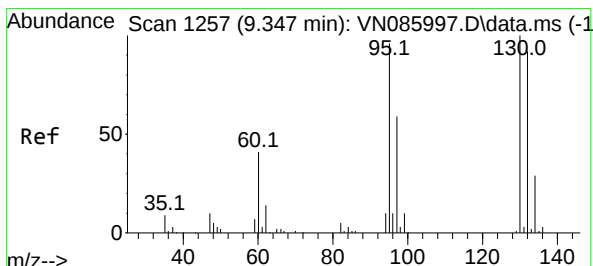
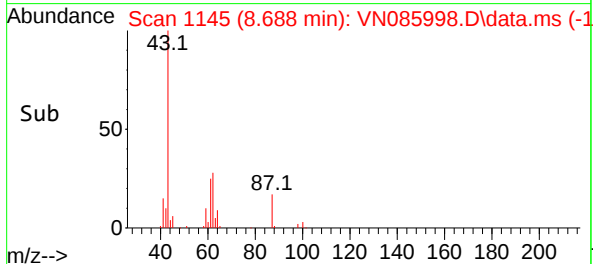
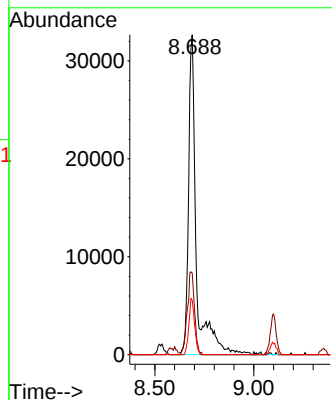
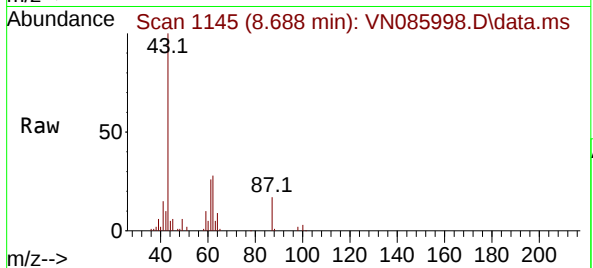
Tgt Ion:	43	Resp:	9025
Ion Ratio	Lower	Upper	
43	100		
61	23.9	25.0	37.6
87	12.7	13.0	19.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#44

Trichloroethene

Concen: 17.906 ug/l

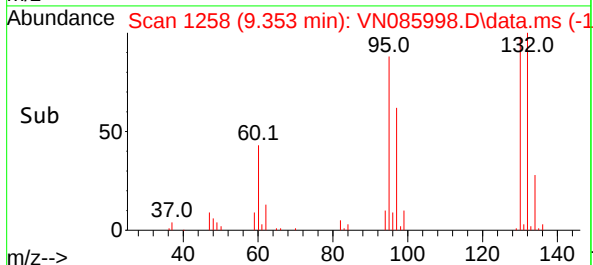
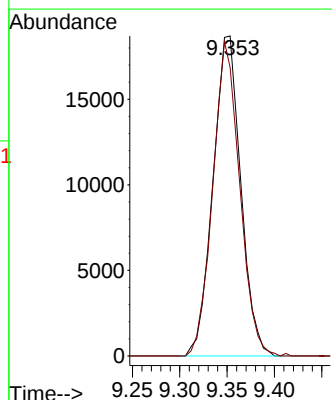
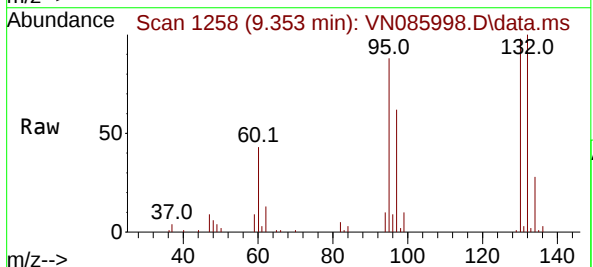
RT: 9.353 min Scan# 1258

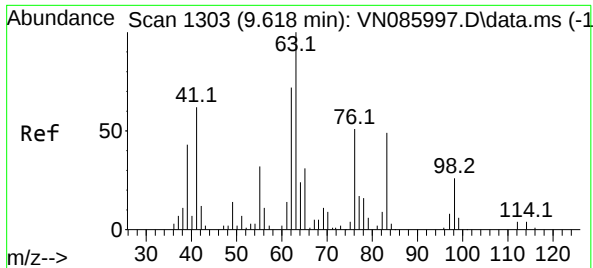
Delta R.T. 0.006 min

Lab File: VN085998.D

Acq: 18 Mar 2025 12:32

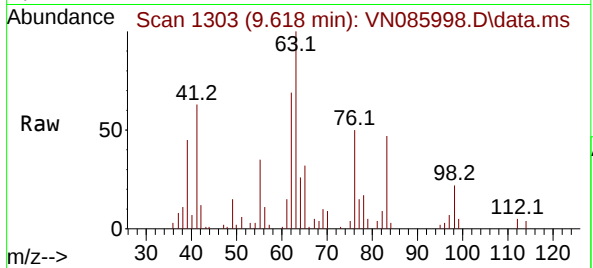
Tgt Ion:	130	Resp:	38098
Ion Ratio	Lower	Upper	
130	100		
95	90.2	0.0	191.6





#45
1,2-Dichloropropane
Concen: 19.446 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

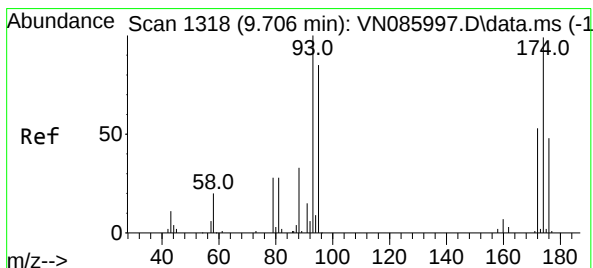
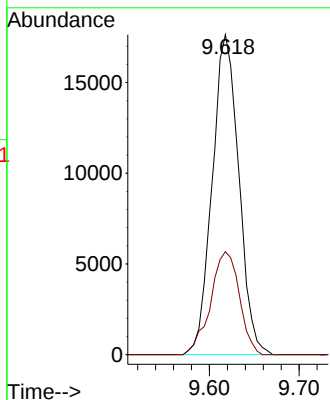
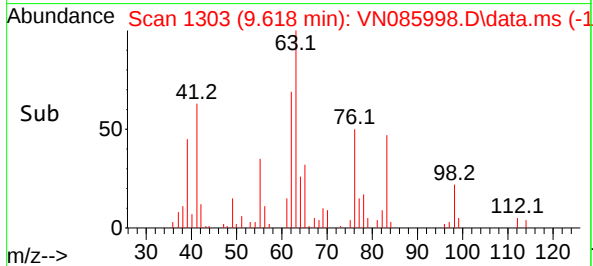
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 63 Resp: 36309
Ion Ratio Lower Upper
63 100
65 32.2 24.7 37.1

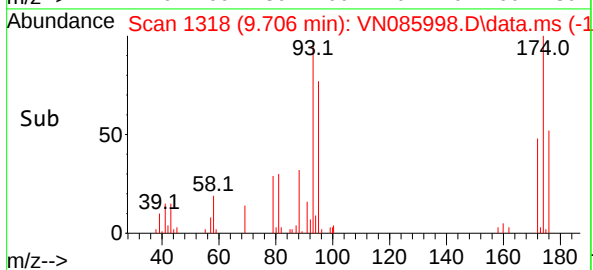
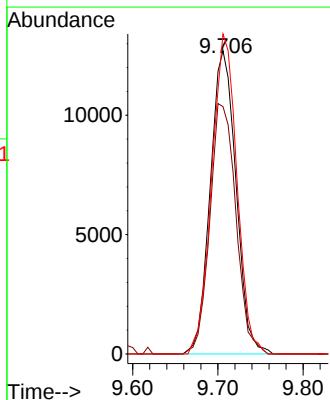
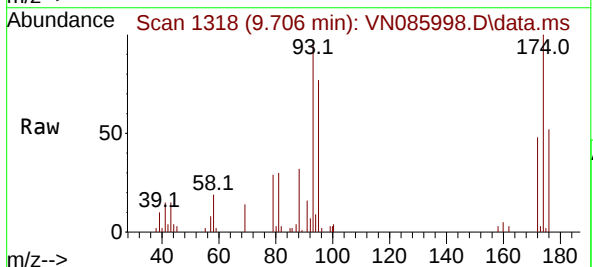
Manual Integrations
APPROVED

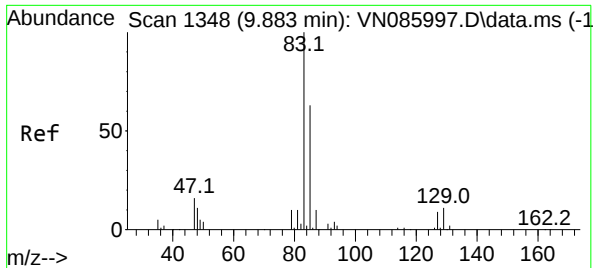
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#46
Dibromomethane
Concen: 18.123 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Tgt Ion: 93 Resp: 26612
Ion Ratio Lower Upper
93 100
95 83.7 66.2 99.2
174 103.2 80.1 120.1





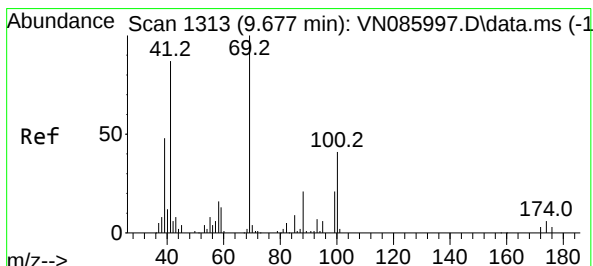
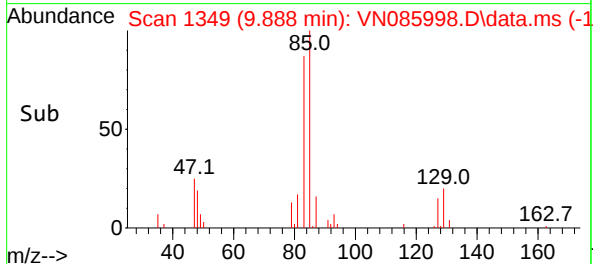
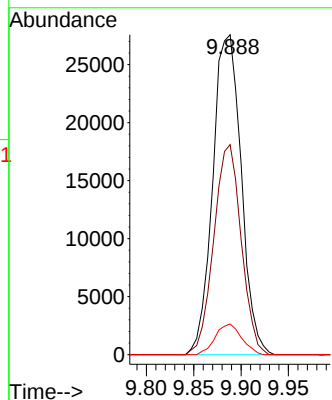
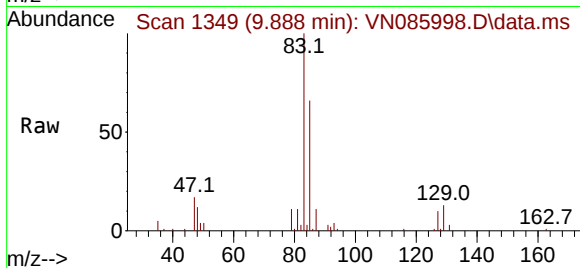
#47
Bromodichloromethane
Concen: 18.784 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 57640
Ion Ratio Lower Upper
83 100
85 65.7 50.2 75.2
127 9.6 7.1 10.7

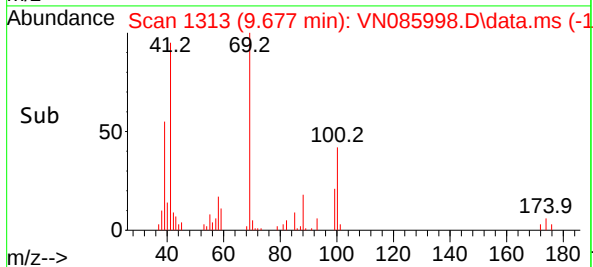
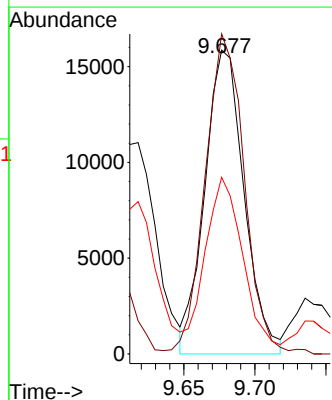
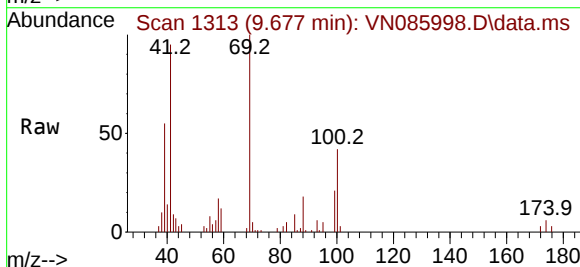
Manual Integrations
APPROVED

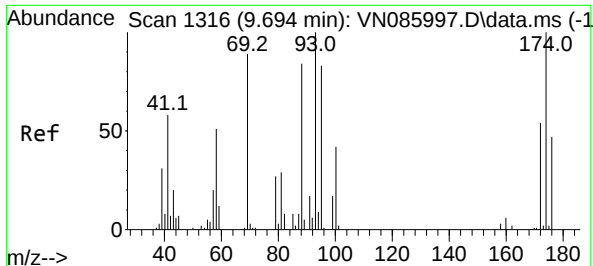
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#48
Methyl methacrylate
Concen: 19.354 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Tgt Ion: 41 Resp: 30533
Ion Ratio Lower Upper
41 100
69 104.7 83.1 124.7
39 56.9 45.6 68.4





#49

1,4-Dioxane

Concen: 377.006 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN085998.D

Acq: 18 Mar 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 14060

Ion Ratio Lower Upper

88 100

43 22.6 21.7 32.5

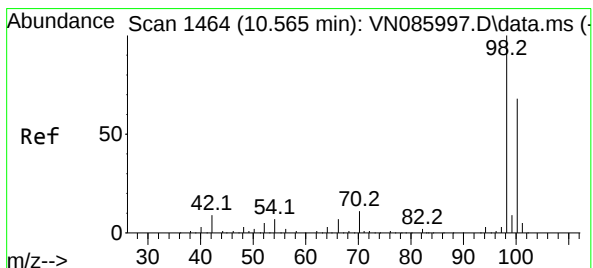
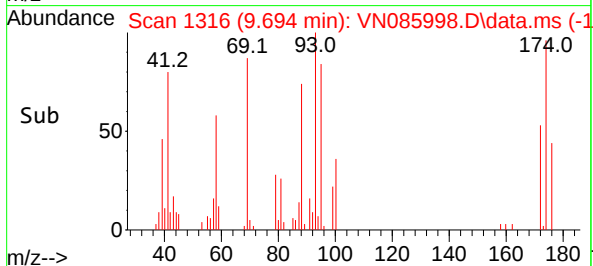
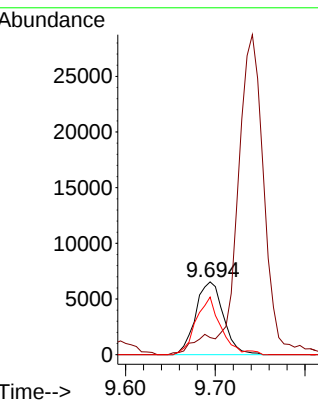
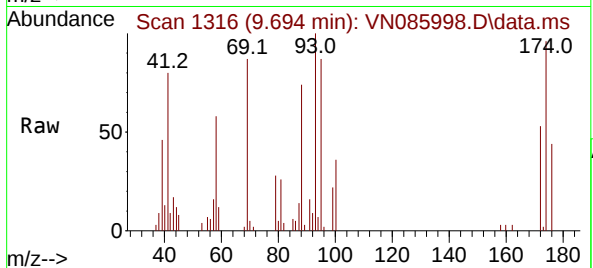
58 71.7 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#50

Toluene-d8

Concen: 19.783 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085998.D

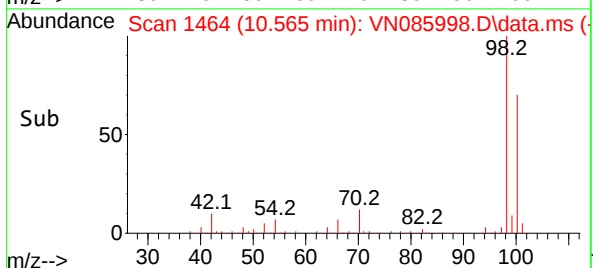
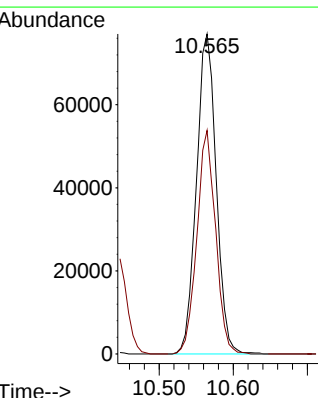
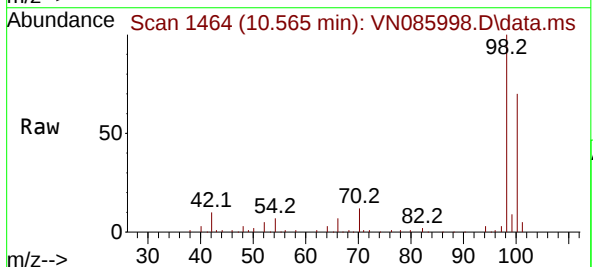
Acq: 18 Mar 2025 12:32

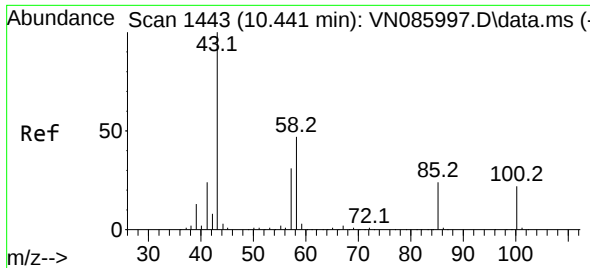
Tgt Ion: 98 Resp: 142597

Ion Ratio Lower Upper

98 100

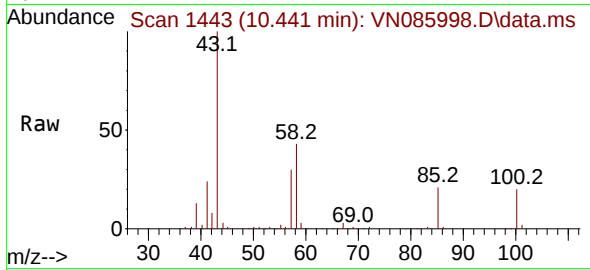
100 66.3 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 99.344 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

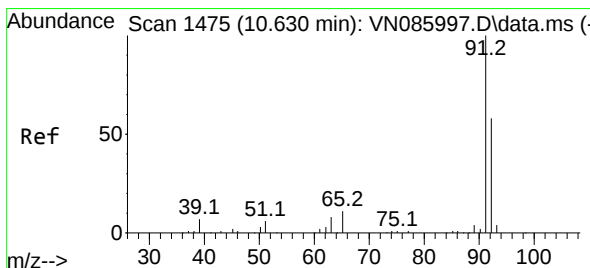
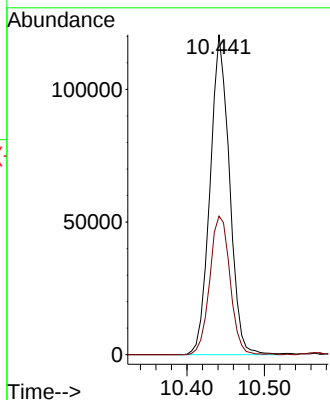
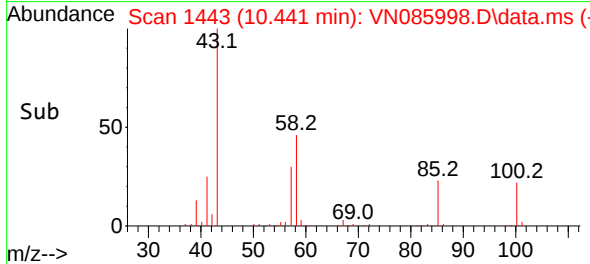
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



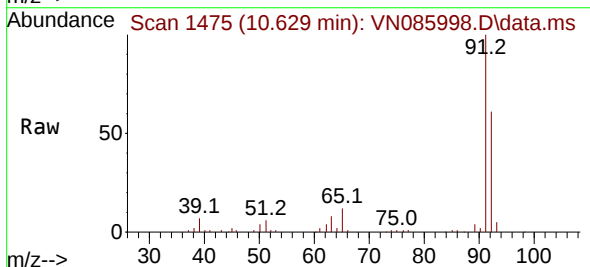
Tgt Ion: 43 Resp: 209460
Ion Ratio Lower Upper
43 100
58 45.4 37.4 56.0

Manual Integrations
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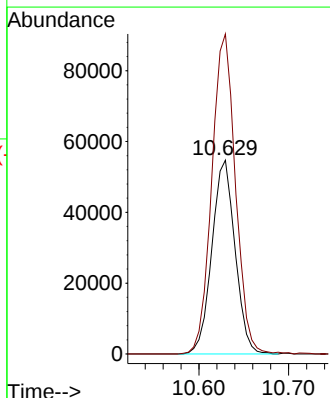
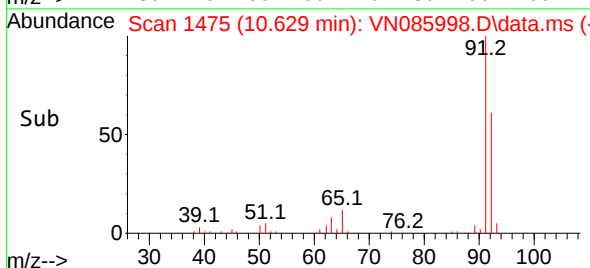
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

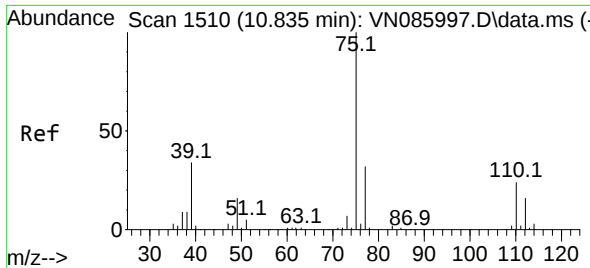


#52
Toluene
Concen: 19.476 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32



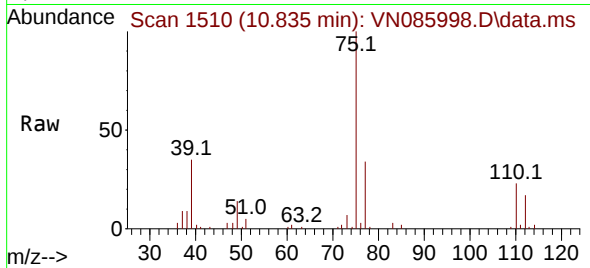
Tgt Ion: 92 Resp: 98133
Ion Ratio Lower Upper
92 100
91 168.7 136.2 204.4





#53
 t-1,3-Dichloropropene
 Concen: 19.253 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN085998.D
 Acq: 18 Mar 2025 12:32

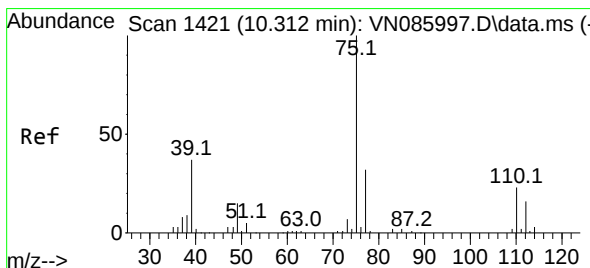
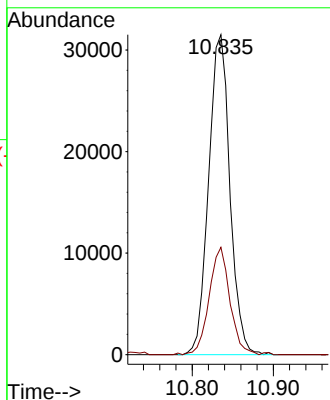
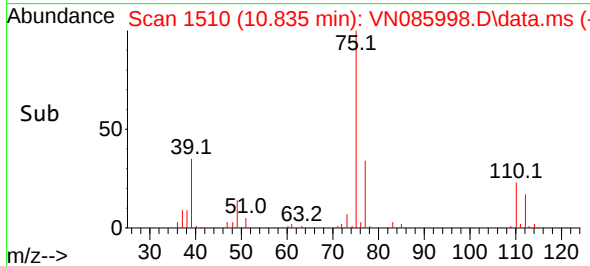
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 75 Resp: 57384
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.3 37.9

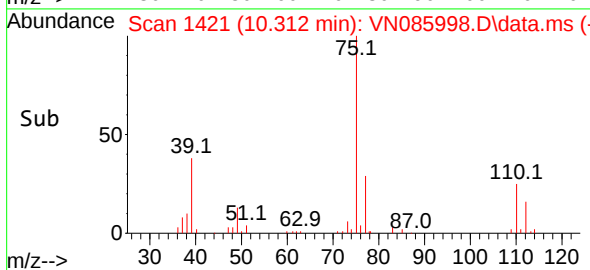
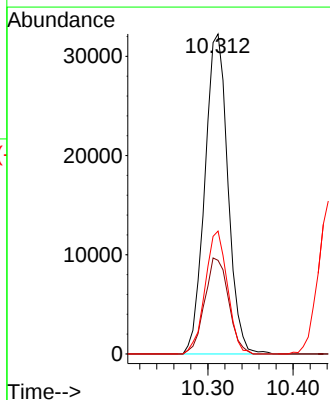
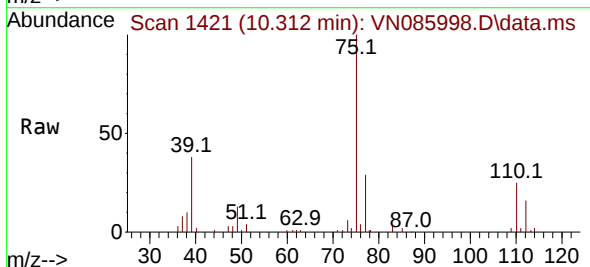
Manual Integrations
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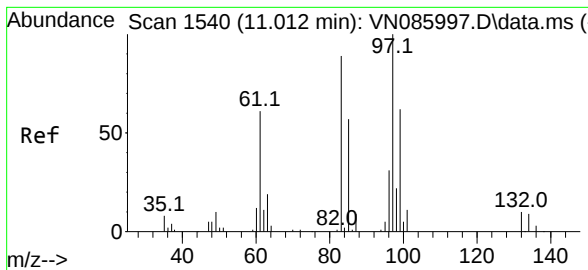
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025



#54
 cis-1,3-Dichloropropene
 Concen: 19.278 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN085998.D
 Acq: 18 Mar 2025 12:32

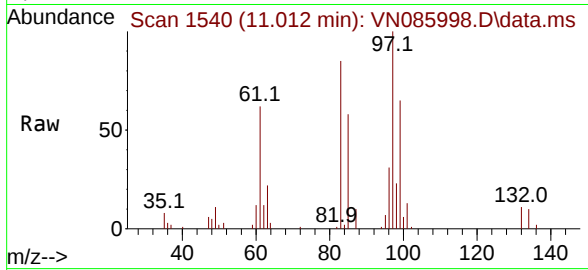
Tgt Ion: 75 Resp: 60620
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.3 37.9
 39 38.4 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 18.716 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

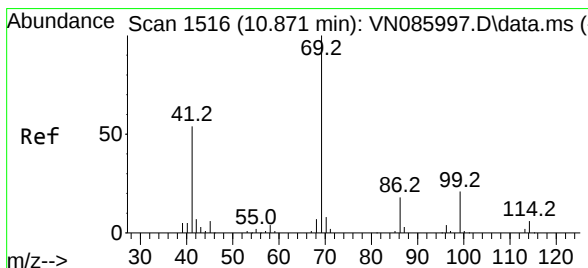
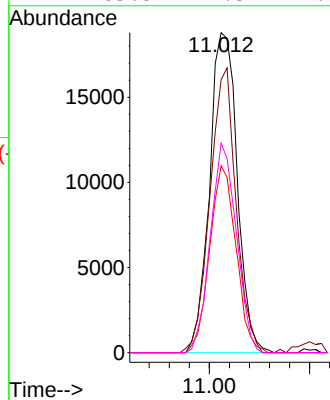
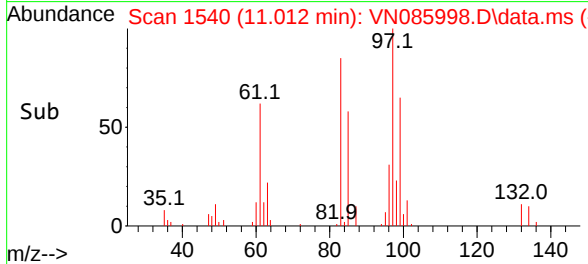


Tgt Ion: 97 Resp: 35992

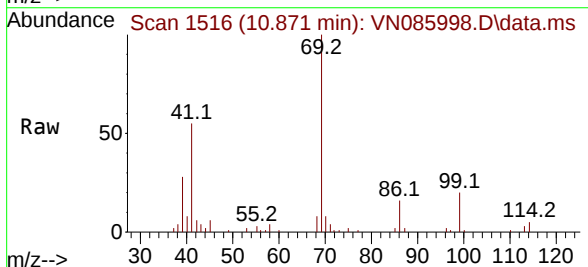
Ion	Ratio	Lower	Upper
97	100		
83	85.4	71.2	106.8
85	58.4	45.4	68.0
99	65.5	49.5	74.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

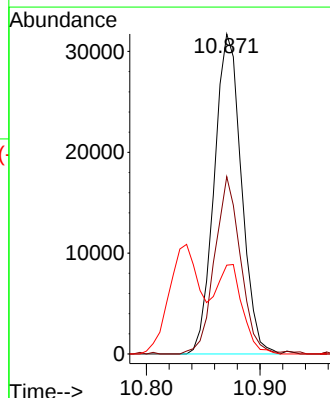
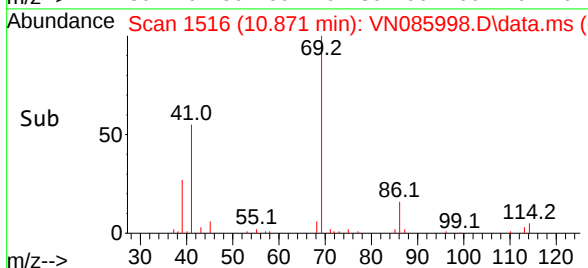


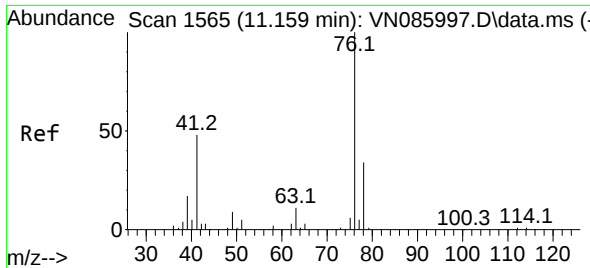
#56
Ethyl methacrylate
Concen: 20.039 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32



Tgt Ion: 69 Resp: 52684

Ion	Ratio	Lower	Upper
69	100		
41	53.0	41.6	62.4
39	27.8	21.8	32.8





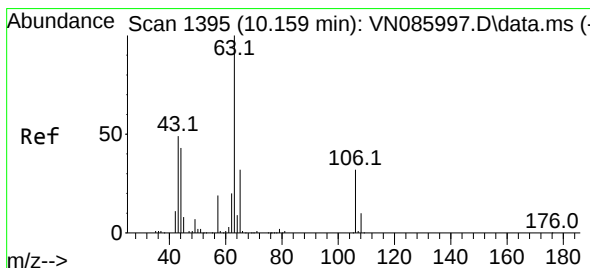
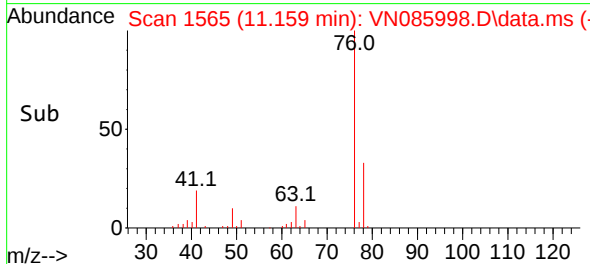
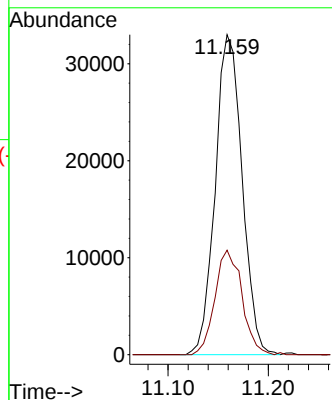
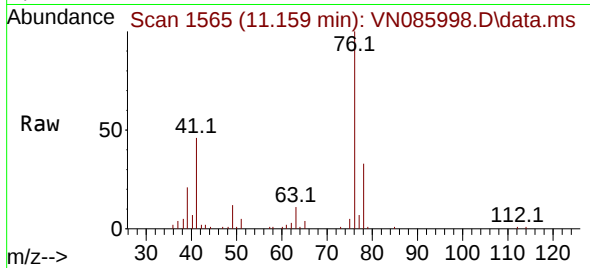
#57
1,3-Dichloropropane
Concen: 18.788 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 61369
Ion Ratio Lower Upper
76 100
78 32.9 25.8 38.6

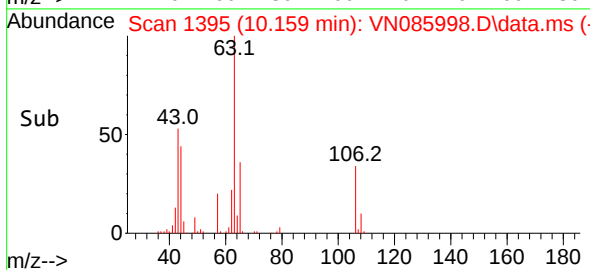
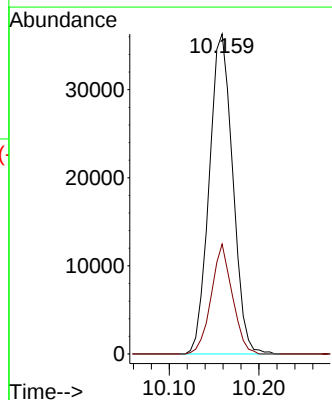
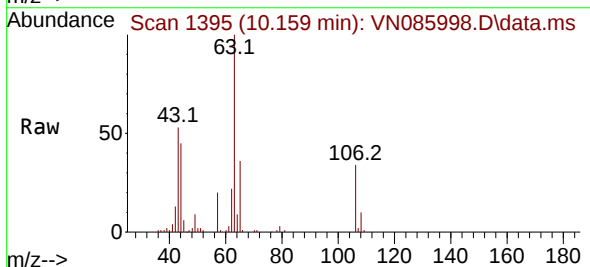
Manual Integrations
APPROVED

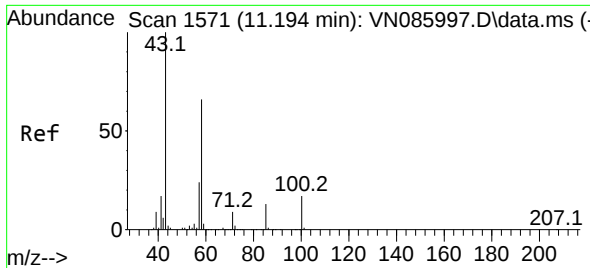
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 69.674 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

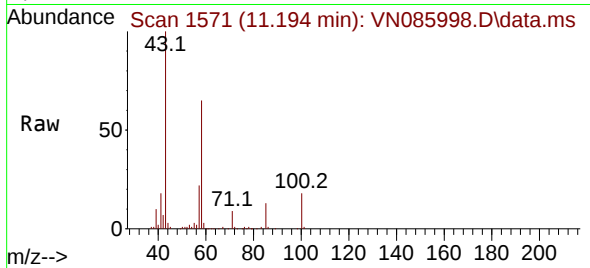
Tgt Ion: 63 Resp: 66141
Ion Ratio Lower Upper
63 100
106 30.8 25.0 37.6





#59
2-Hexanone
Concen: 99.554 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

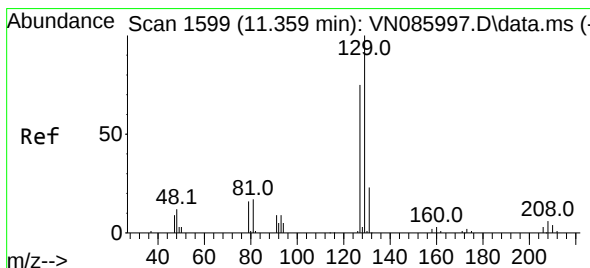
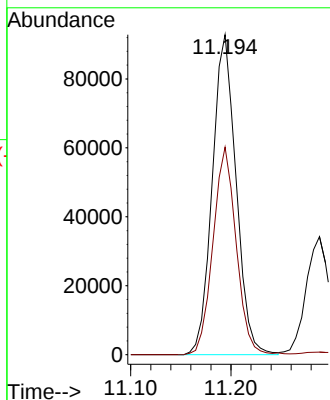
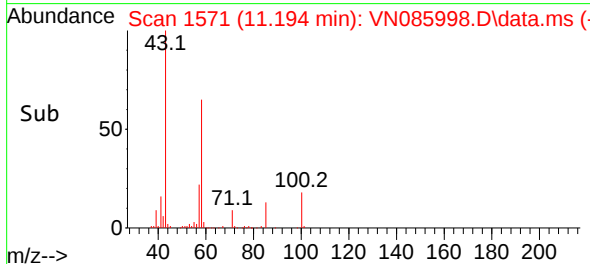
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 152912
Ion Ratio Lower Upper
43 100
58 63.2 32.4 97.2

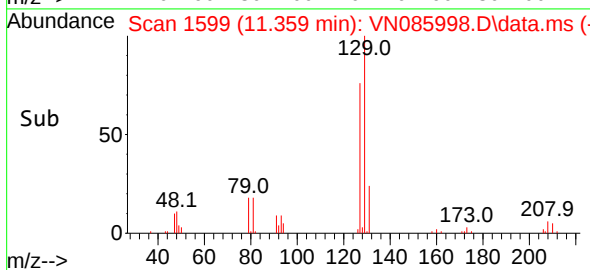
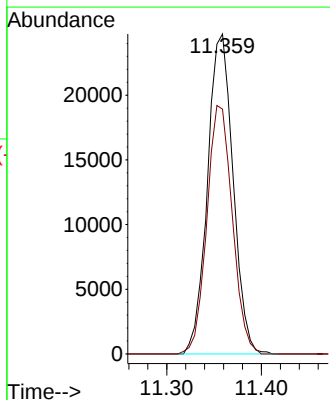
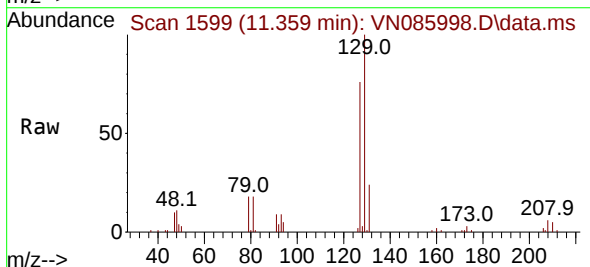
Manual Integrations
APPROVED

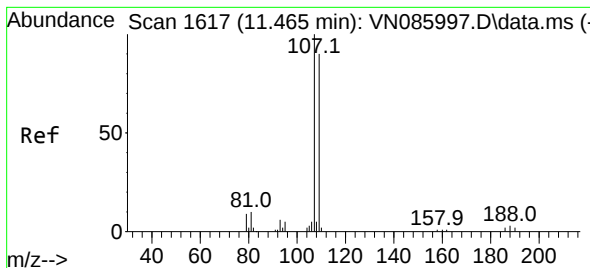
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#60
Dibromochloromethane
Concen: 18.701 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

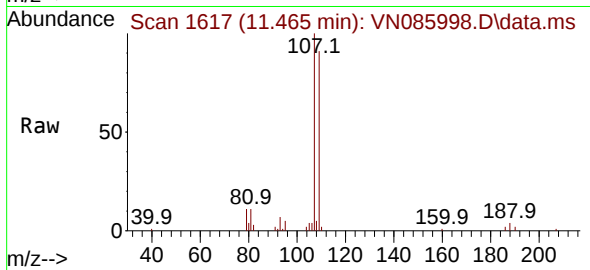
Tgt Ion:129 Resp: 46407
Ion Ratio Lower Upper
129 100
127 77.3 37.8 113.4





#61
1,2-Dibromoethane
Concen: 18.777 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

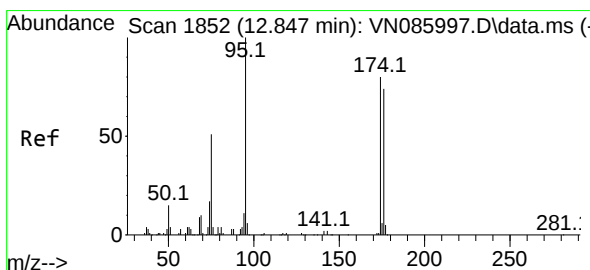
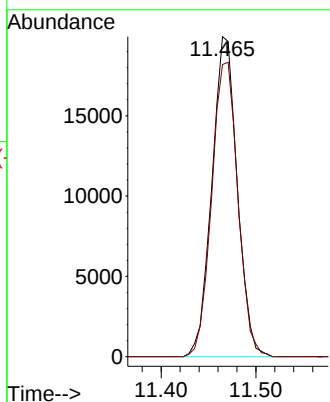
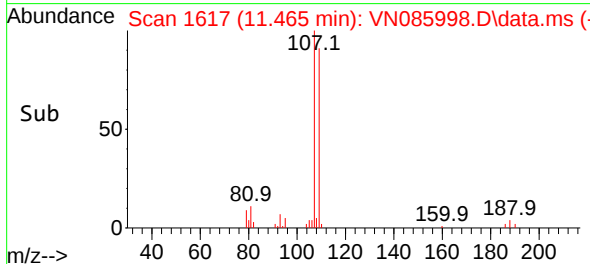
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



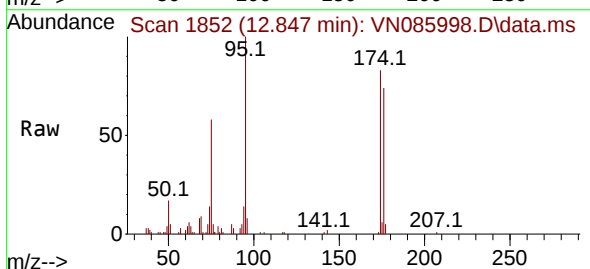
Tgt Ion:107 Resp: 3707
Ion Ratio Lower Upper
107 100
109 94.8 73.3 109.9

Manual Integrations
APPROVED

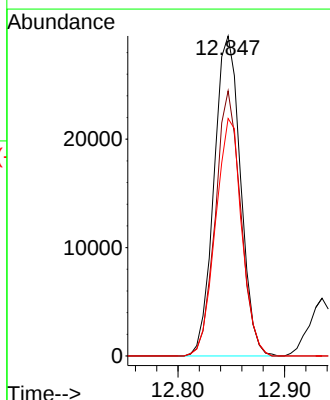
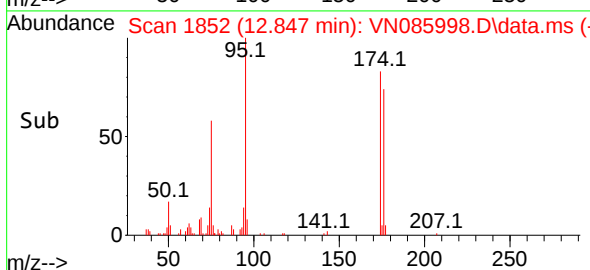
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

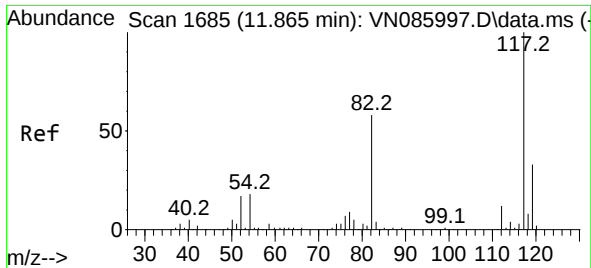


#62
4-Bromofluorobenzene
Concen: 19.799 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32



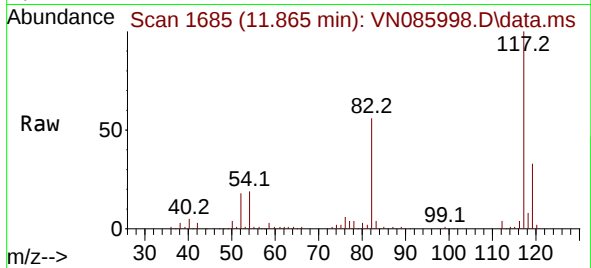
Tgt Ion: 95 Resp: 50895
Ion Ratio Lower Upper
95 100
174 79.0 0.0 156.8
176 73.9 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

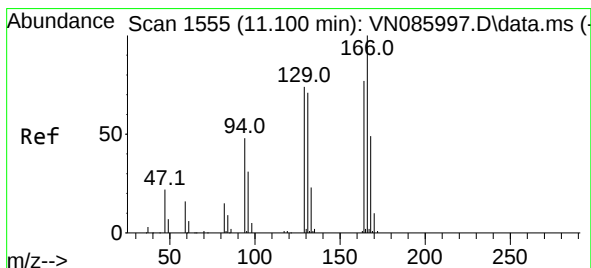
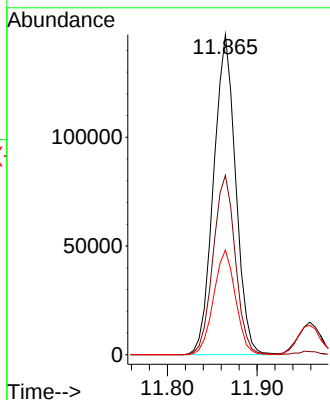
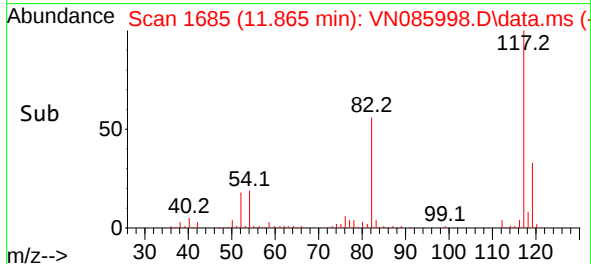
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 25168
Ion Ratio Lower Upper
117 100
82 56.1 46.7 70.1
119 32.7 26.5 39.7

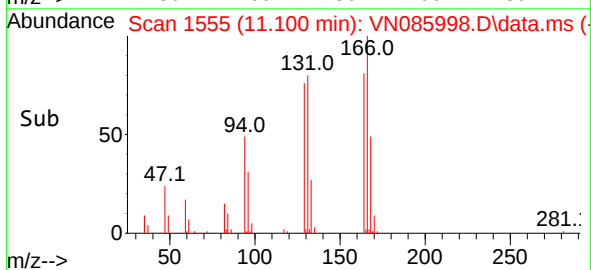
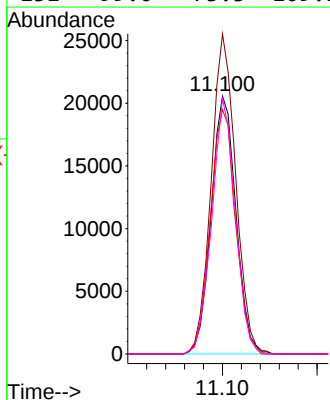
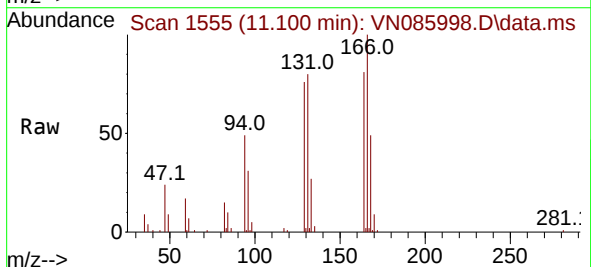
Manual Integrations
APPROVED

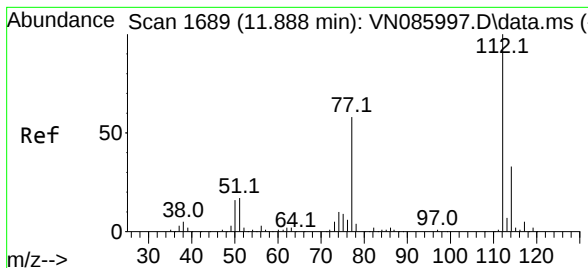
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#64
Tetrachloroethene
Concen: 18.572 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

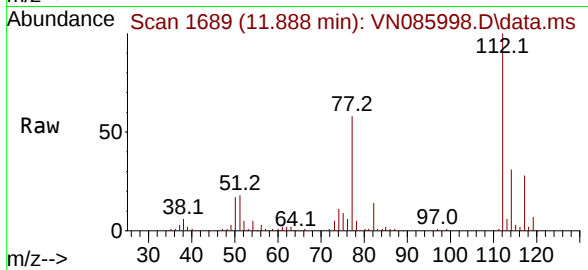
Tgt Ion:164 Resp: 37287
Ion Ratio Lower Upper
164 100
166 124.1 103.7 155.5
129 94.7 77.1 115.7
131 99.0 73.3 109.9





#65
Chlorobenzene
Concen: 18.708 ug/l
RT: 11.888 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

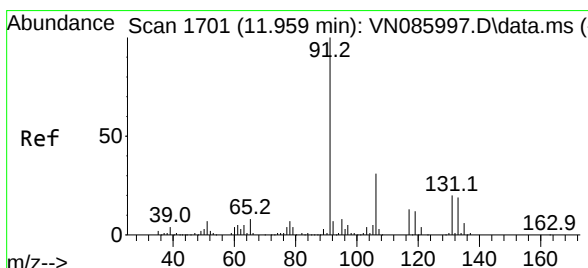
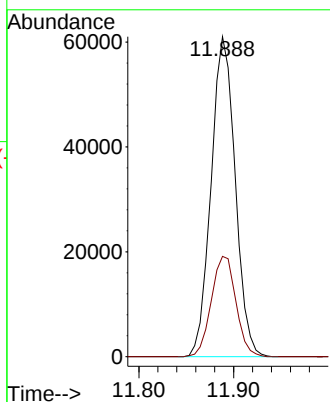
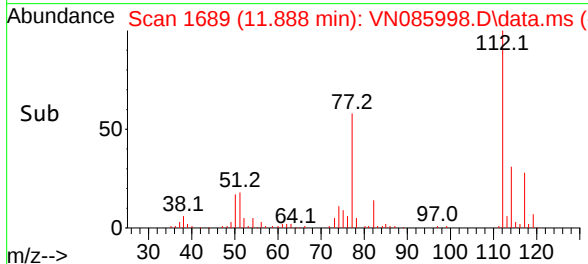
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



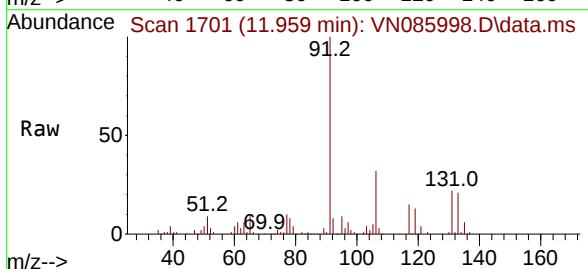
Tgt Ion:112 Resp: 10774
Ion Ratio Lower Upper
112 100
114 31.4 26.3 39.5

Manual Integrations
APPROVED

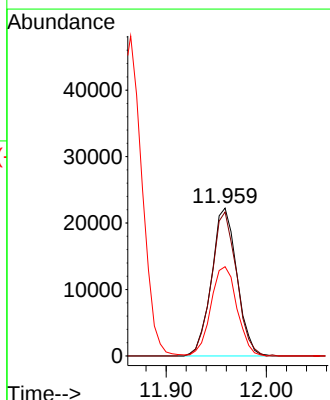
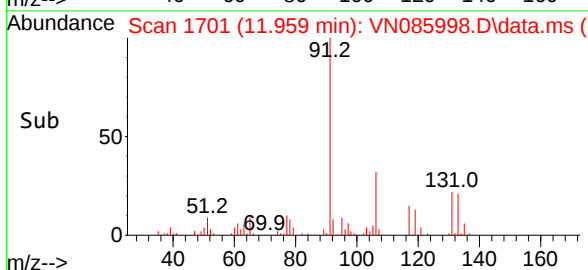
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

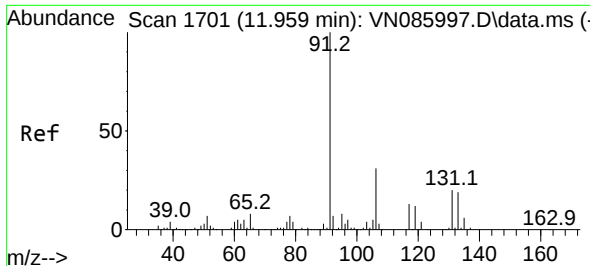


#66
1,1,1,2-Tetrachloroethane
Concen: 18.264 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32



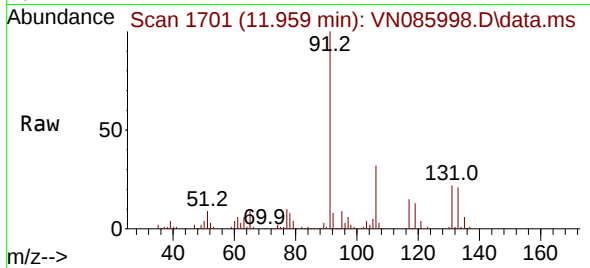
Tgt Ion:131 Resp: 39102
Ion Ratio Lower Upper
131 100
133 96.4 47.0 141.0
119 62.1 31.4 94.0





#67
Ethyl Benzene
Concen: 19.060 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

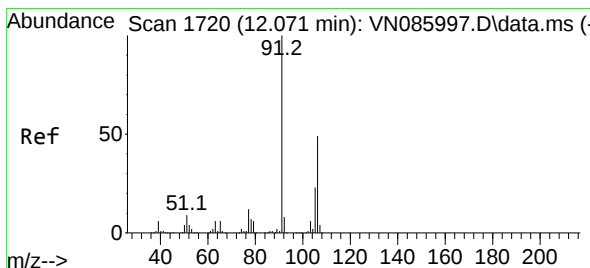
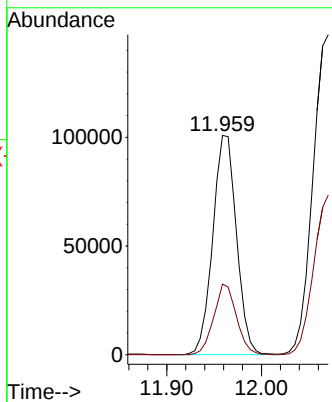
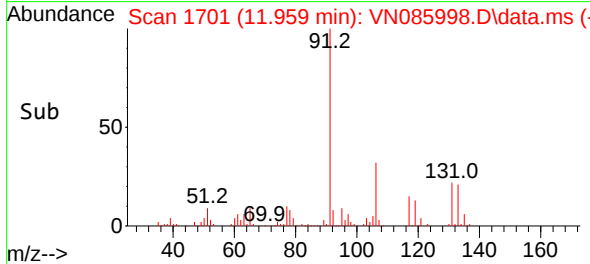
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 175592
Ion Ratio Lower Upper
91 100
106 32.2 24.5 36.7

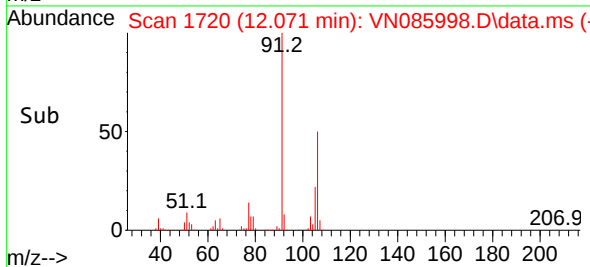
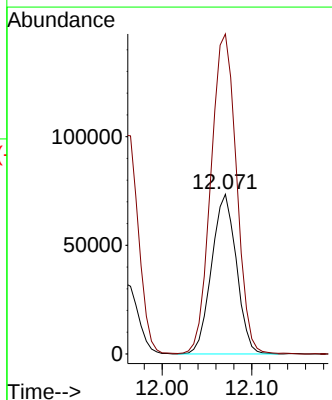
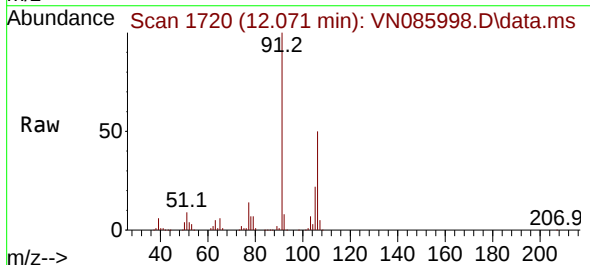
Manual Integrations
APPROVED

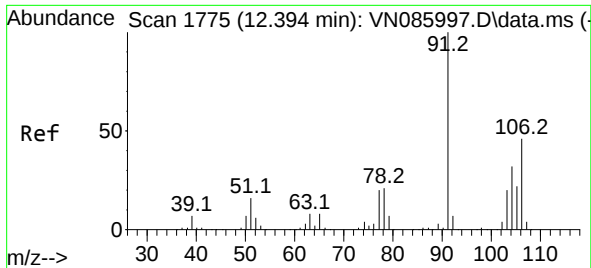
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#68
m/p-Xylenes
Concen: 38.948 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Tgt Ion:106 Resp: 141029
Ion Ratio Lower Upper
106 100
91 206.8 163.9 245.9





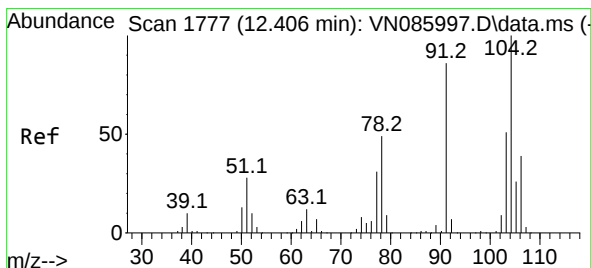
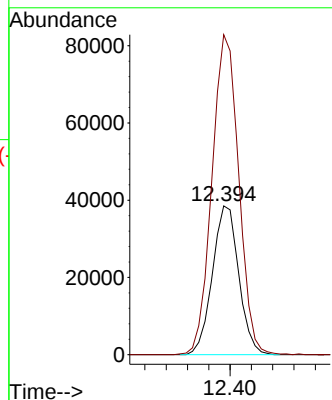
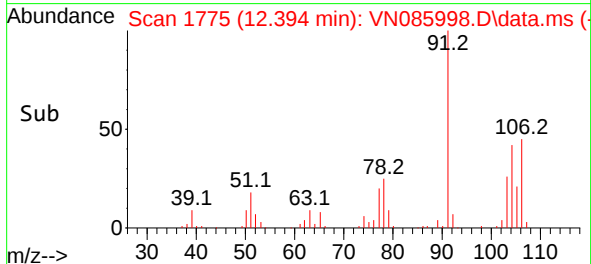
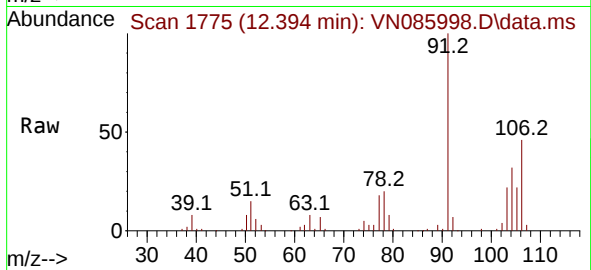
#69
o-Xylene
Concen: 19.853 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 65978
Ion Ratio Lower Upper
106 100
91 219.1 109.1 327.2

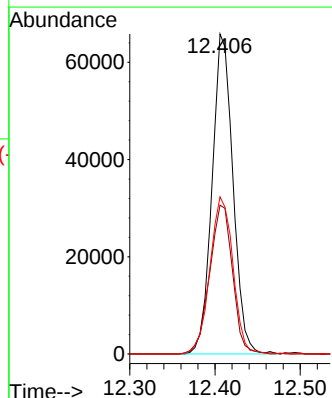
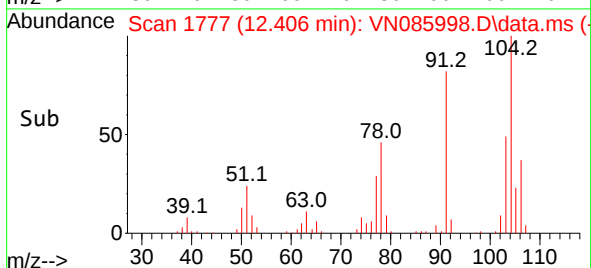
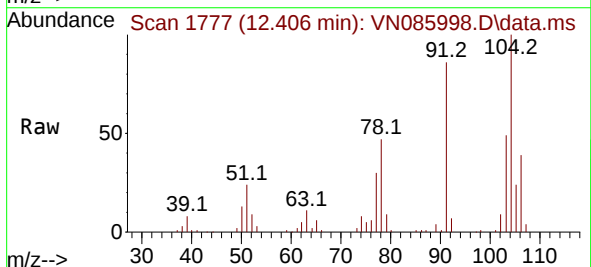
Manual Integrations
APPROVED

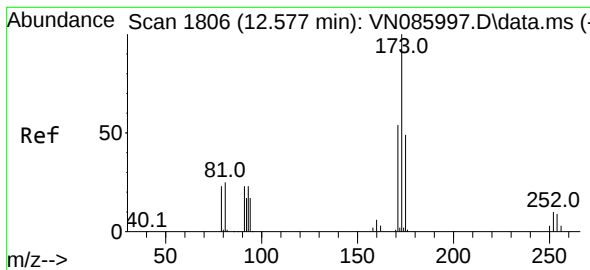
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#70
Styrene
Concen: 19.780 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Tgt Ion:104 Resp: 112279
Ion Ratio Lower Upper
104 100
78 50.9 41.4 62.2
103 54.1 42.9 64.3





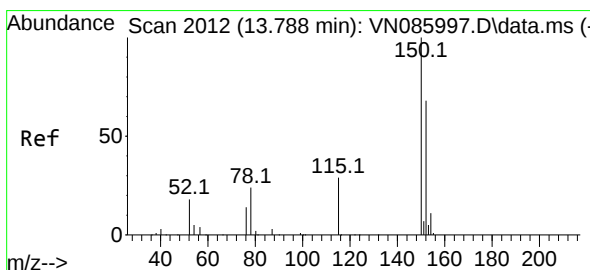
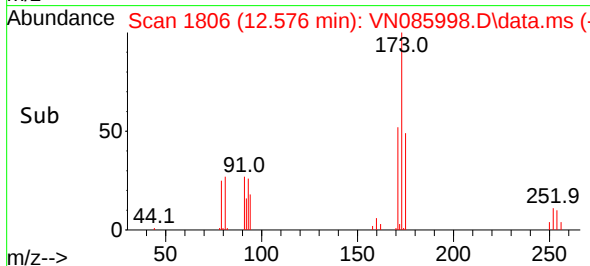
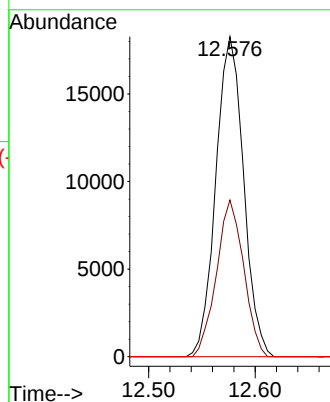
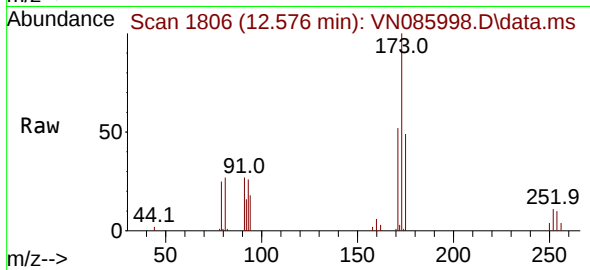
#71
Bromoform
Concen: 18.487 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 33080
Ion Ratio Lower Upper
173 100
175 47.9 24.3 73.0
254 0.0 0.0 0.0

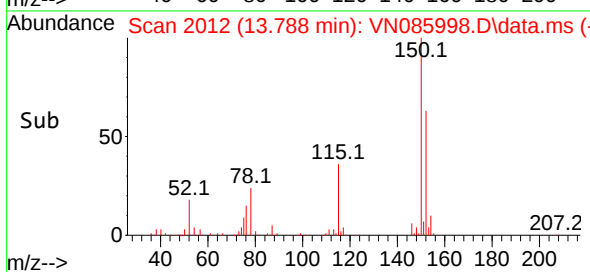
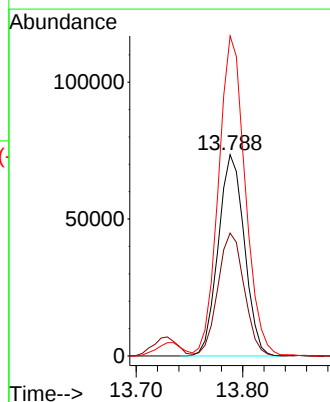
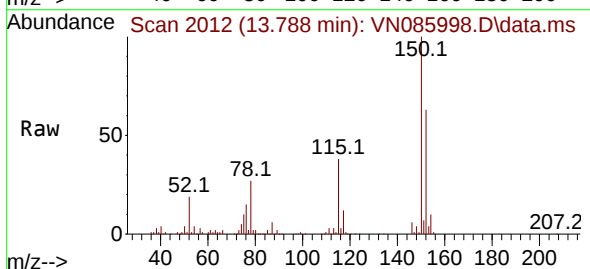
Manual Integrations
APPROVED

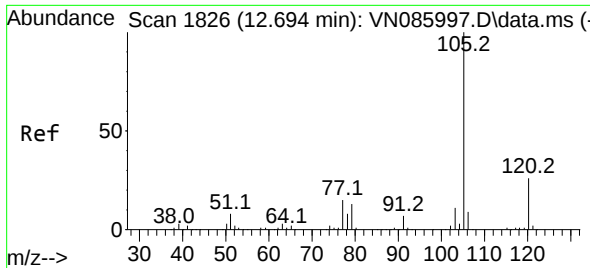
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Tgt Ion:152 Resp: 125230
Ion Ratio Lower Upper
152 100
115 61.8 31.1 93.2
150 162.6 0.0 359.6





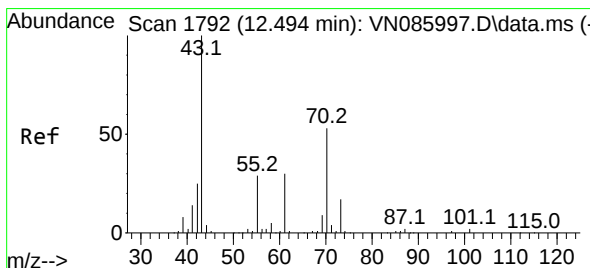
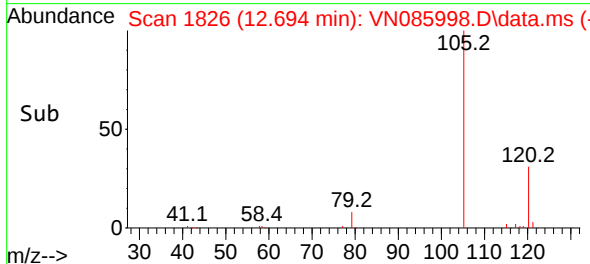
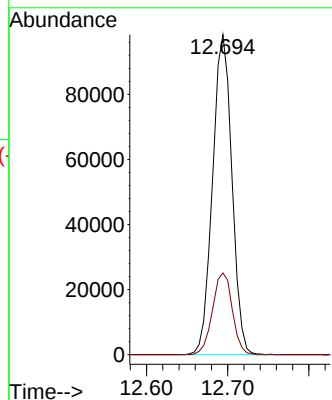
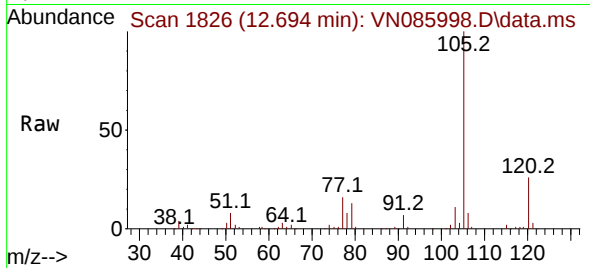
#73
Isopropylbenzene
Concen: 19.041 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 162838
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0

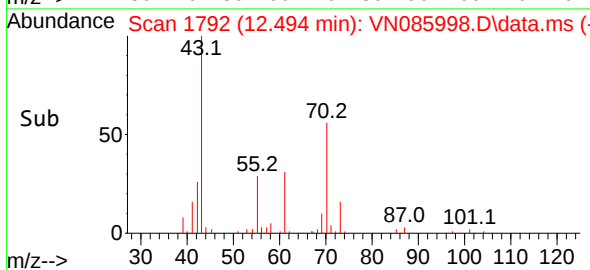
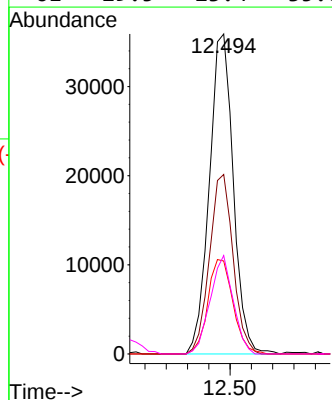
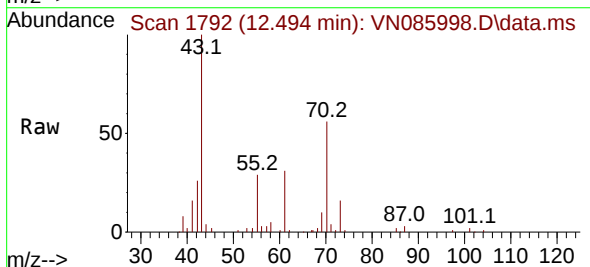
Manual Integrations
APPROVED

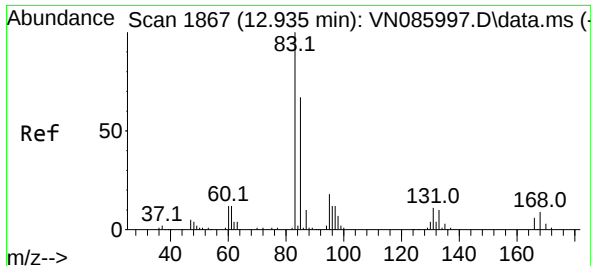
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#74
N-ethyl acetate
Concen: 19.630 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

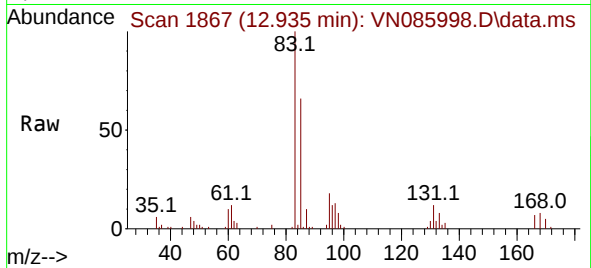
Tgt Ion: 43 Resp: 56163
Ion Ratio Lower Upper
43 100
70 55.2 43.0 64.4
55 31.0 23.8 35.8
61 29.5 23.4 35.0





#75
1,1,2,2-Tetrachloroethane
Concen: 18.023 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

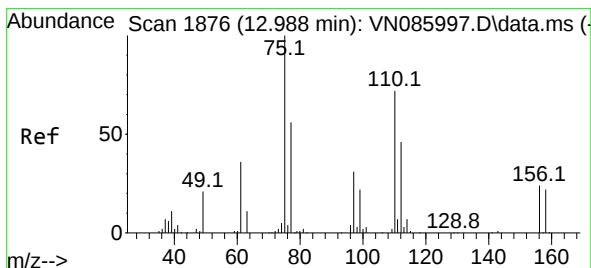
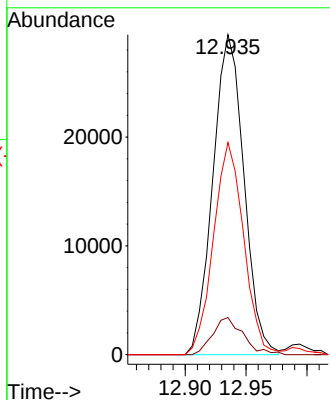
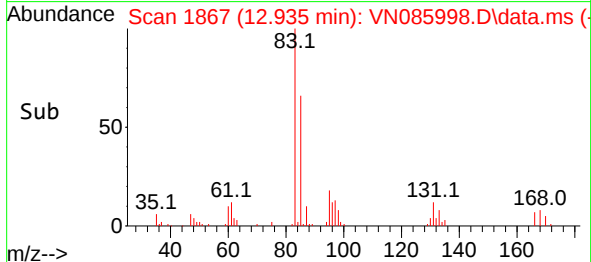
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 52144
Ion Ratio Lower Upper
83 100
131 11.4 5.5 16.5
85 64.4 32.6 97.8

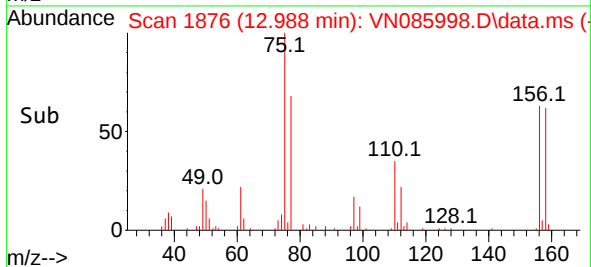
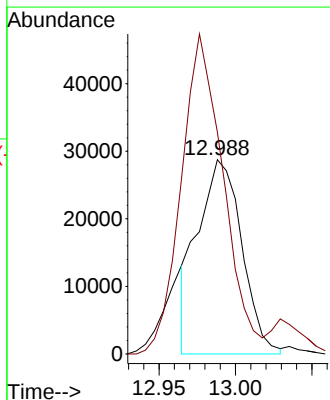
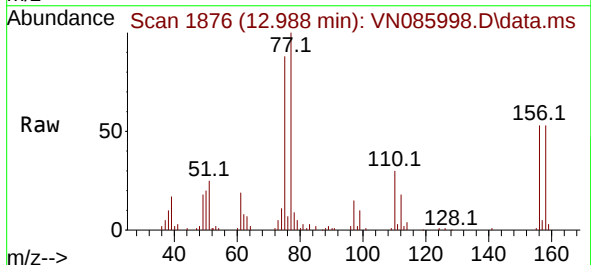
Manual Integrations
APPROVED

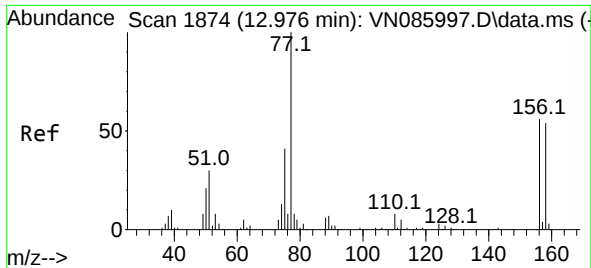
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#76
1,2,3-Trichloropropane
Concen: 20.137 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

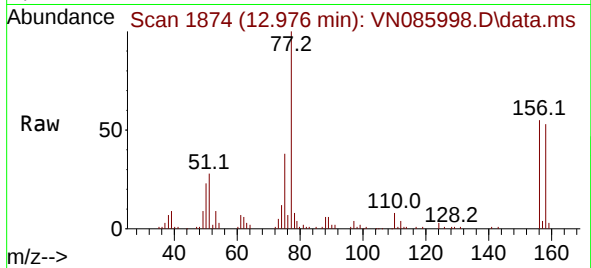
Tgt Ion: 75 Resp: 57493
Ion Ratio Lower Upper
75 100
77 157.3 83.7 251.0





#77
Bromobenzene
Concen: 18.439 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

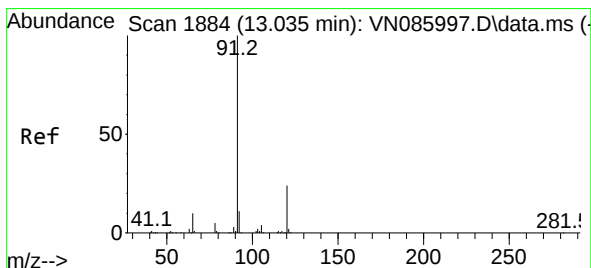
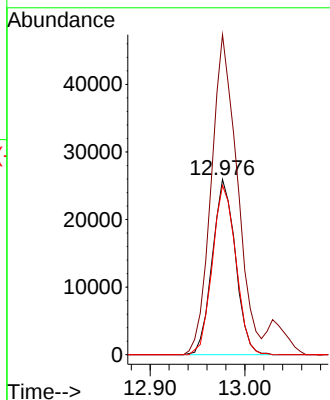
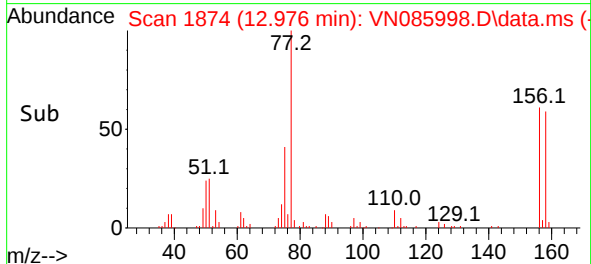
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



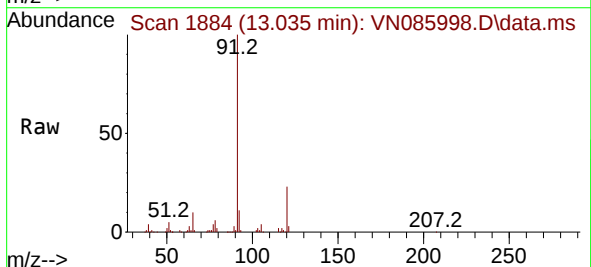
Tgt Ion:156 Resp: 43968
Ion Ratio Lower Upper
156 100
77 205.7 104.1 312.3
158 98.3 49.0 147.0

Manual Integrations
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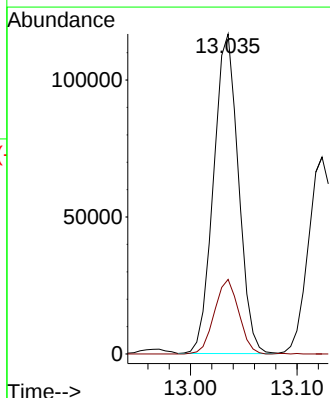
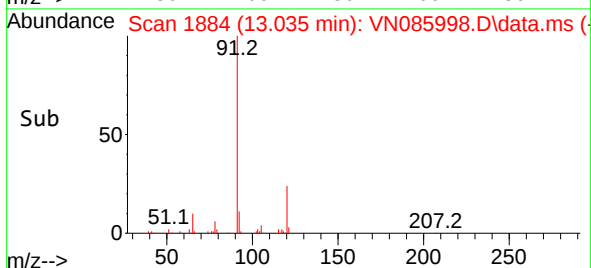
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

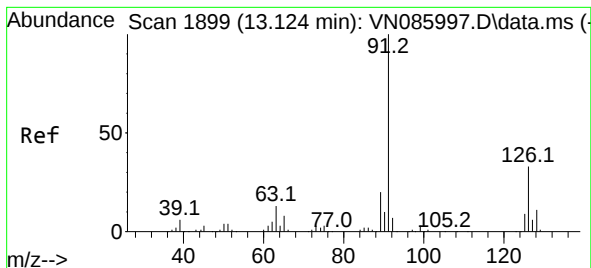


#78
n-propylbenzene
Concen: 19.524 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32



Tgt Ion: 91 Resp: 189068
Ion Ratio Lower Upper
91 100
120 22.8 11.7 35.0





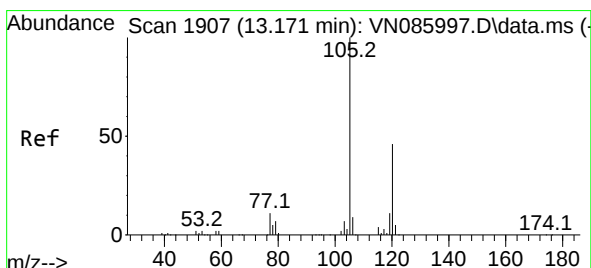
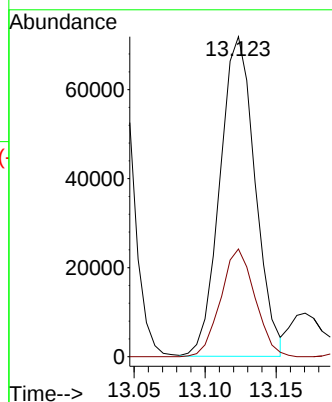
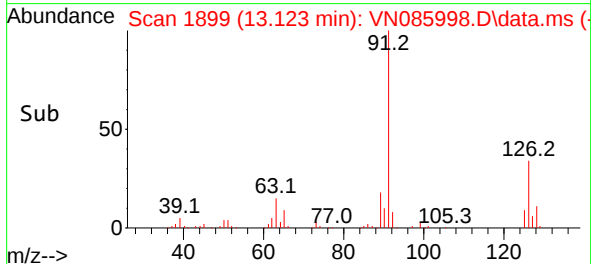
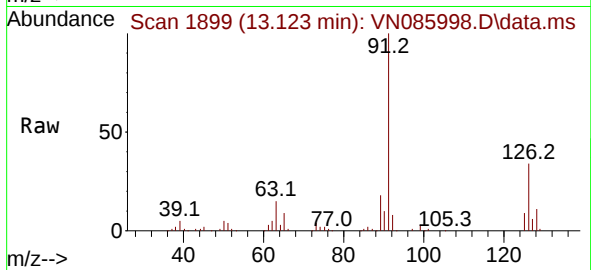
#79
2-Chlorotoluene
Concen: 19.256 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 123854
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.2

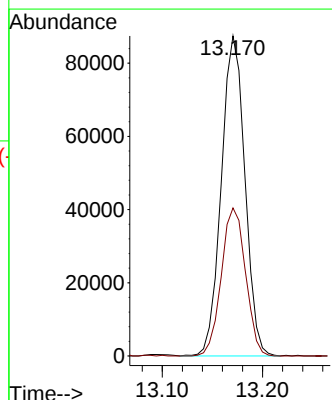
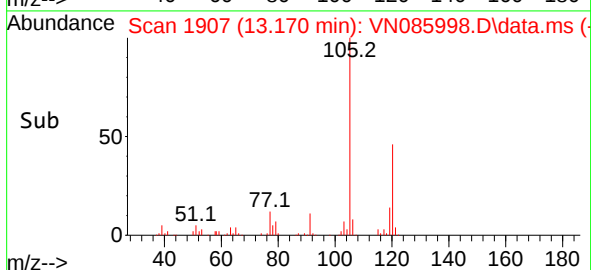
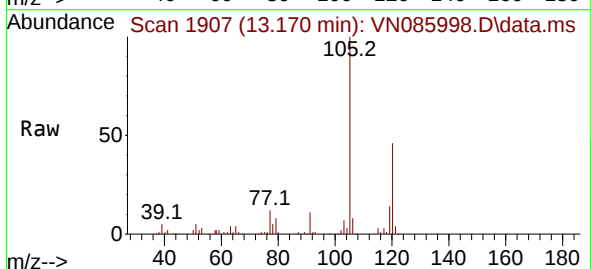
Manual Integrations
APPROVED

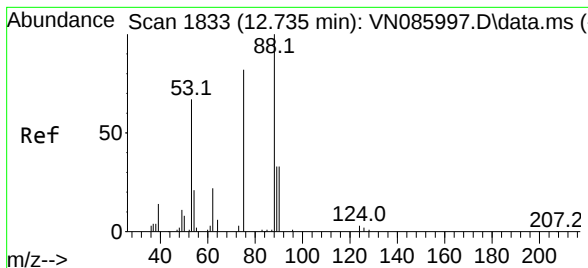
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.740 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Tgt Ion:105 Resp: 142528
Ion Ratio Lower Upper
105 100
120 47.4 23.7 71.1





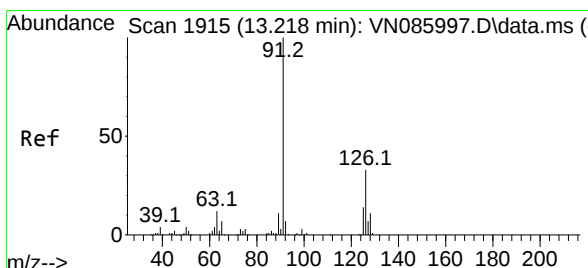
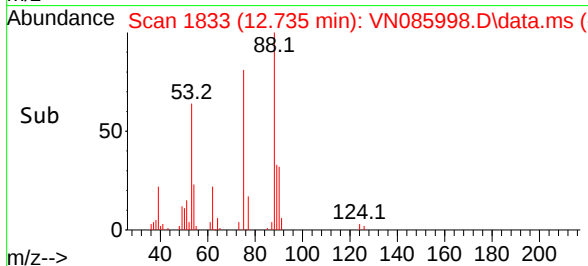
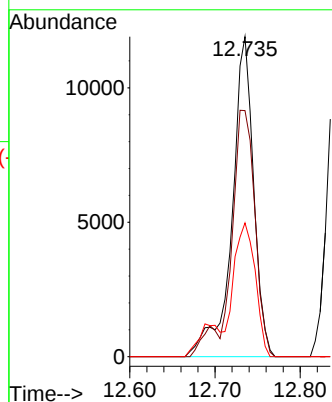
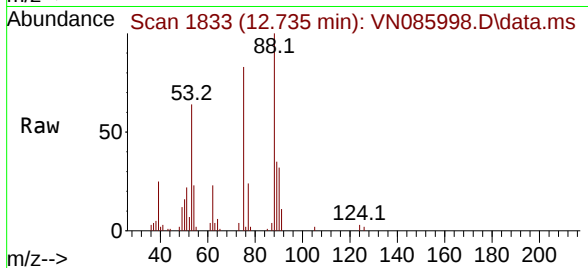
#81
trans-1,4-Dichloro-2-butene
Concen: 19.827 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 21020
Ion Ratio Lower Upper
75 100
53 77.5 66.0 99.0
89 42.3 36.9 55.3

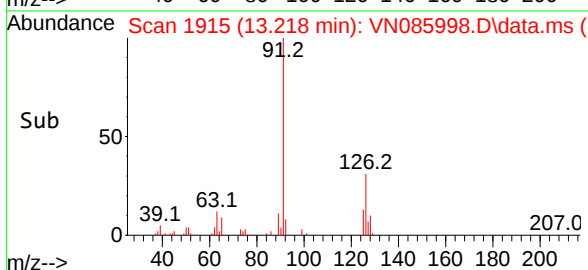
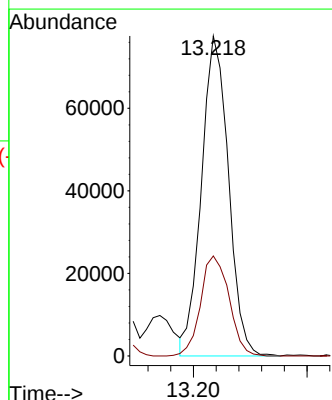
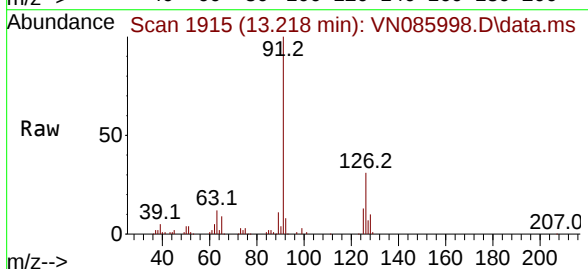
Manual Integrations
APPROVED

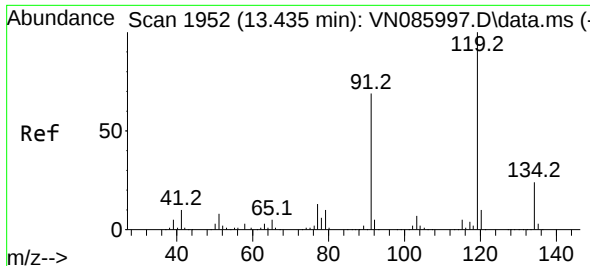
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#82
4-Chlorotoluene
Concen: 19.376 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

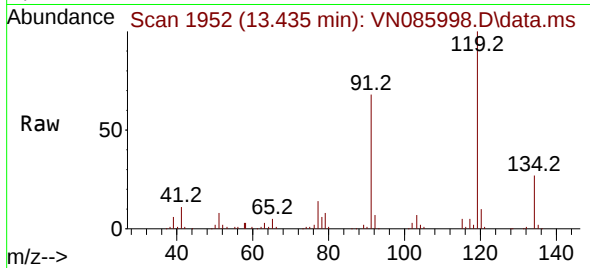
Tgt Ion: 91 Resp: 128159
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.2





#83
tert-Butylbenzene
Concen: 18.570 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

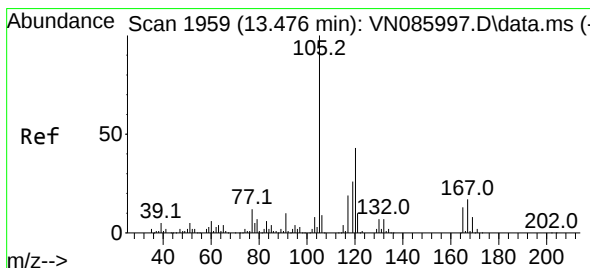
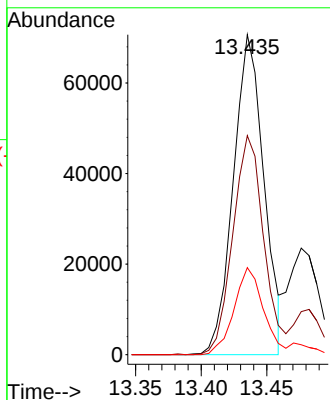
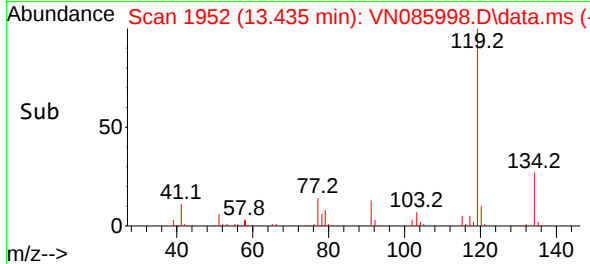
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



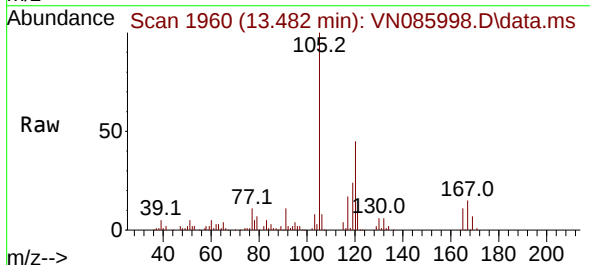
Tgt Ion:119 Resp: 114669
Ion Ratio Lower Upper
119 100
91 69.4 34.3 102.9
134 26.2 13.5 40.5

Manual Integrations
APPROVED

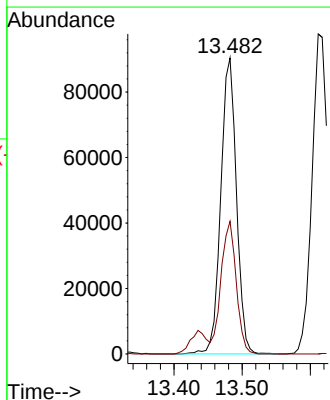
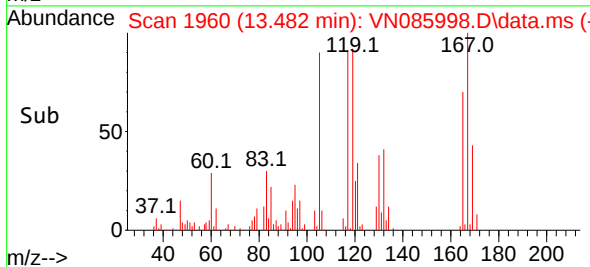
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

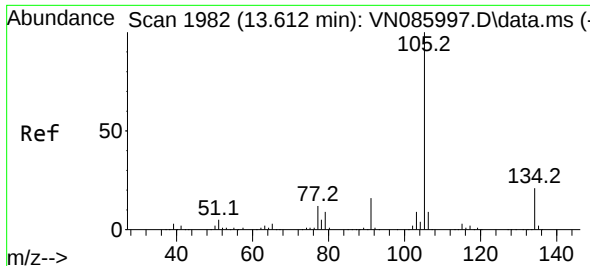


#84
1,2,4-Trimethylbenzene
Concen: 19.850 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32



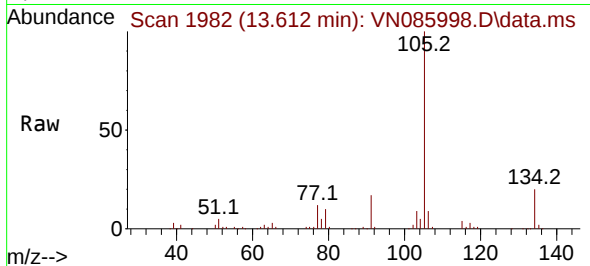
Tgt Ion:105 Resp: 144557
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 19.734 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085998.D
 Acq: 18 Mar 2025 12:32

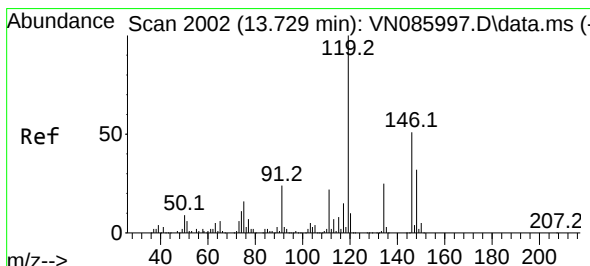
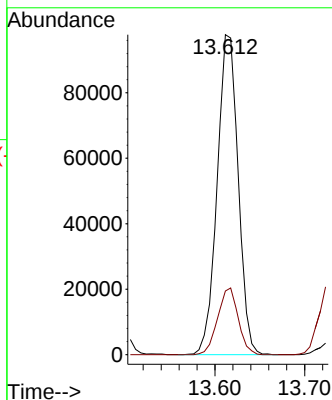
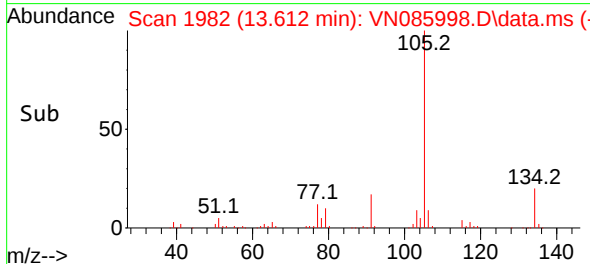
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



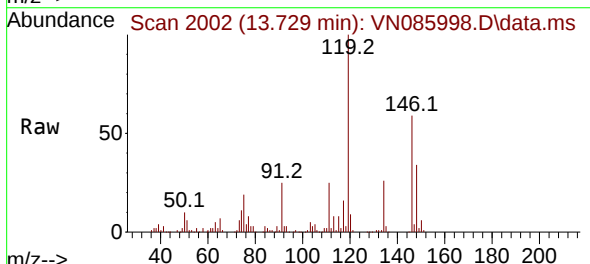
Tgt Ion:105 Resp: 158970
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

Manual Integrations
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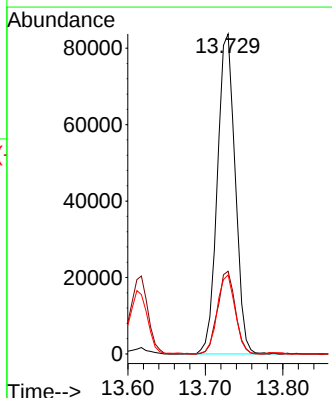
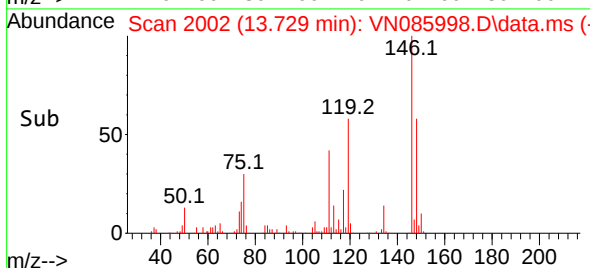
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025

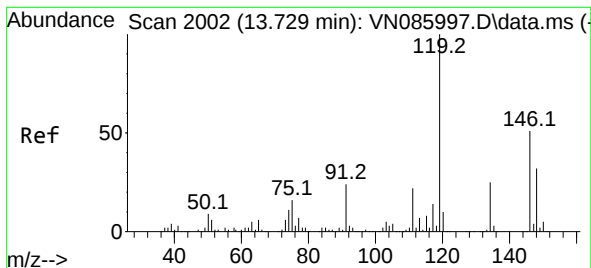


#86
 p-Isopropyltoluene
 Concen: 19.611 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085998.D
 Acq: 18 Mar 2025 12:32



Tgt Ion:119 Resp: 133733
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.8 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 18.809 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085998.D

Acq: 18 Mar 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 8084

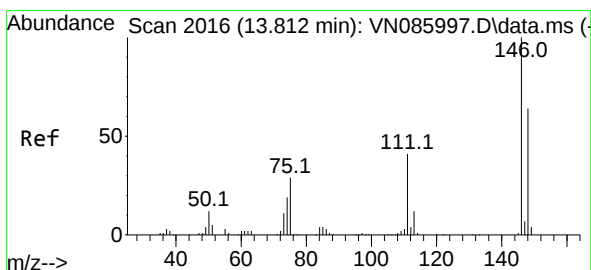
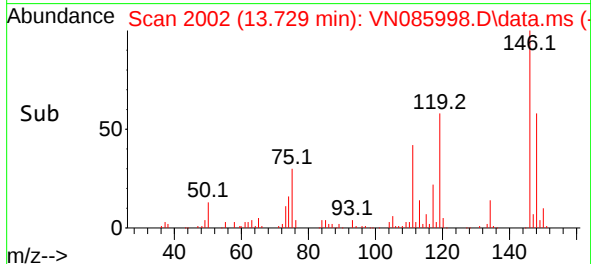
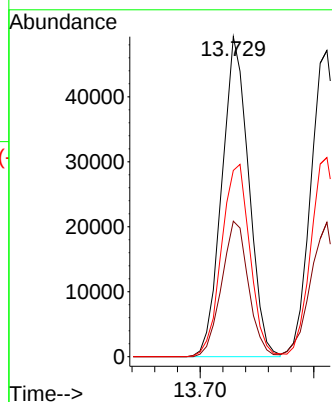
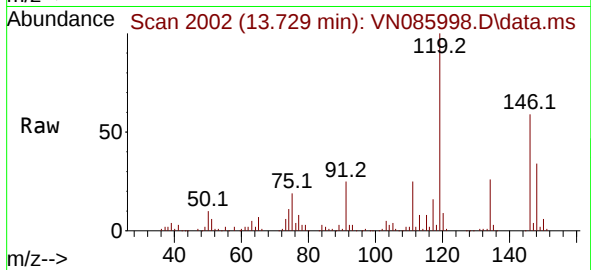
Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.2	63.6
148	63.8	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#88

1,4-Dichlorobenzene

Concen: 17.975 ug/l

RT: 13.812 min Scan# 2016

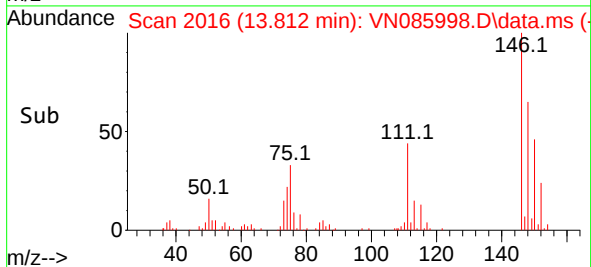
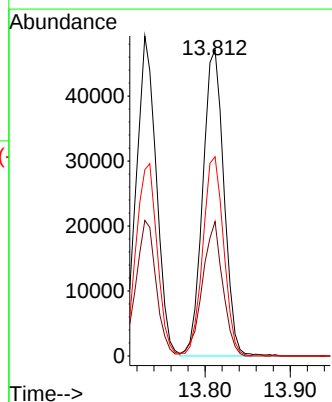
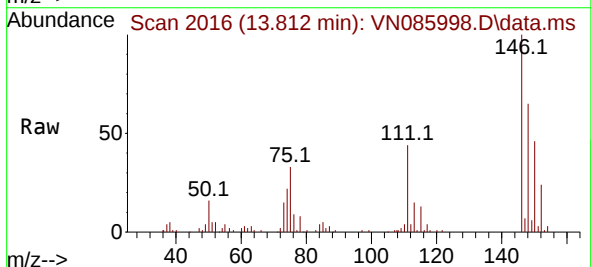
Delta R.T. -0.000 min

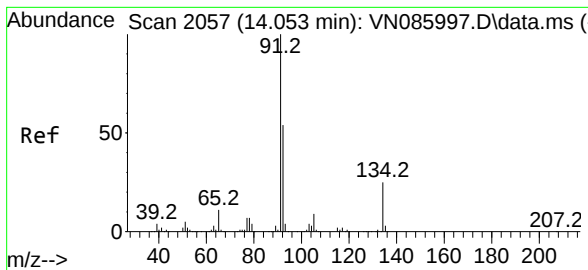
Lab File: VN085998.D

Acq: 18 Mar 2025 12:32

Tgt Ion:146 Resp: 81175

Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.4	61.3
148	64.1	32.1	96.5





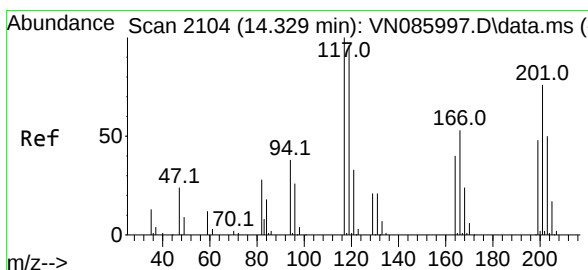
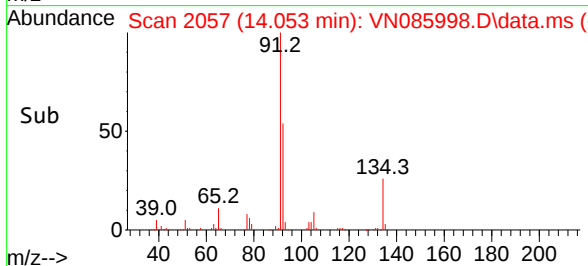
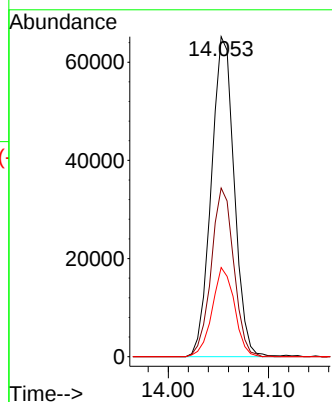
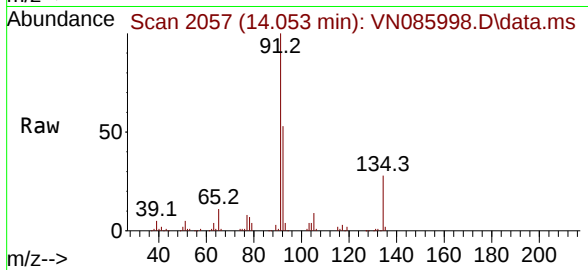
#89
n-Butylbenzene
Concen: 18.649 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 103559
Ion Ratio Lower Upper
91 100
92 51.9 26.9 80.6
134 27.1 13.0 39.0

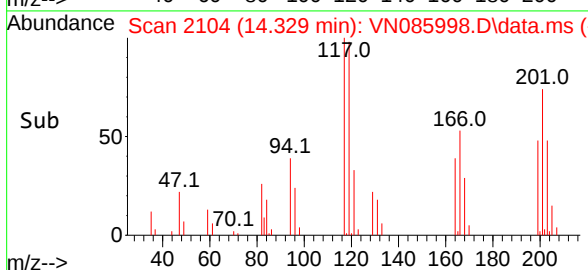
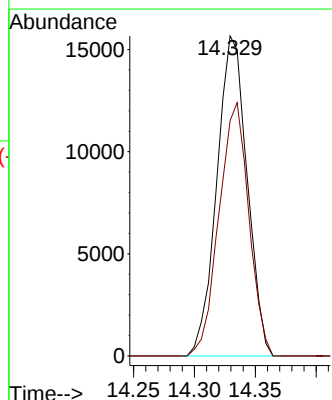
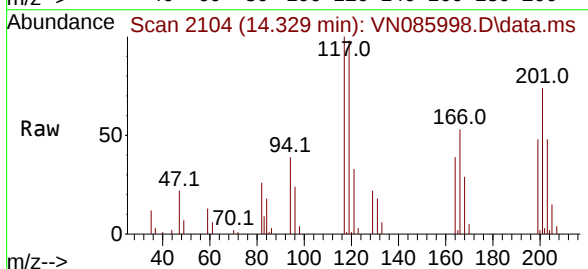
Manual Integrations
APPROVED

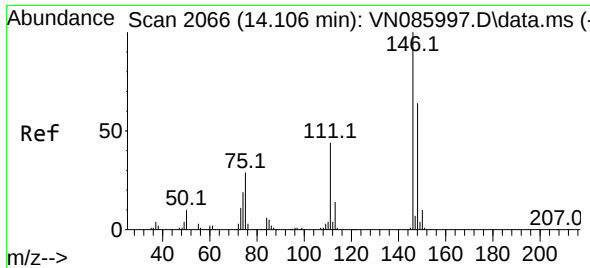
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#90
Hexachloroethane
Concen: 17.249 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Tgt Ion:117 Resp: 27141
Ion Ratio Lower Upper
117 100
201 77.9 39.1 117.3





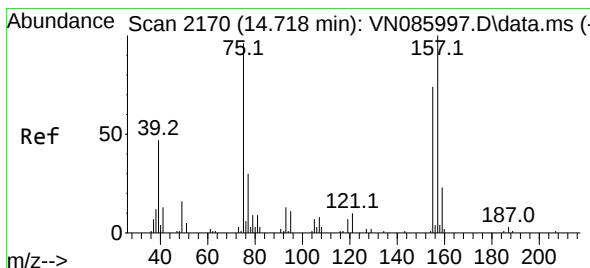
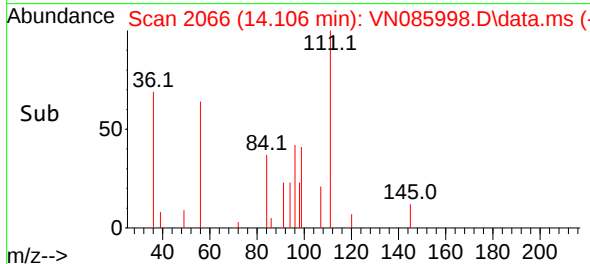
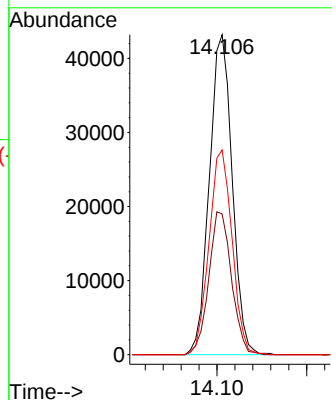
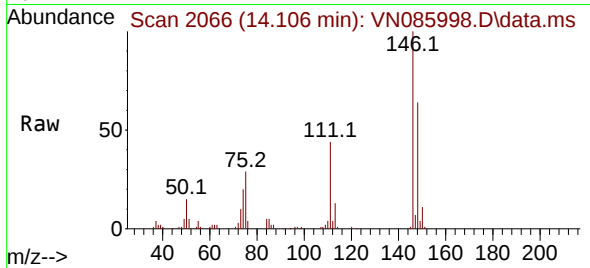
#91
1,2-Dichlorobenzene
Concen: 17.839 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 76225
Ion Ratio Lower Upper
146 100
111 44.5 22.3 66.8
148 64.6 32.1 96.5

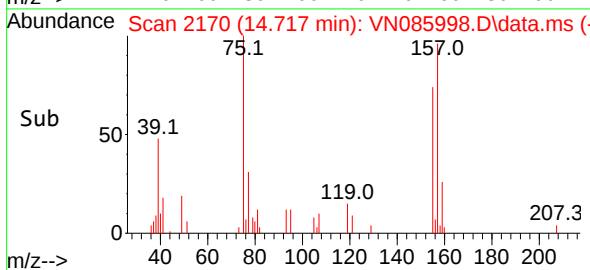
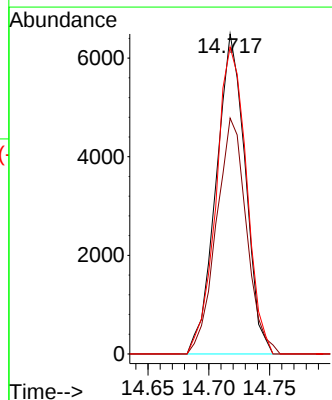
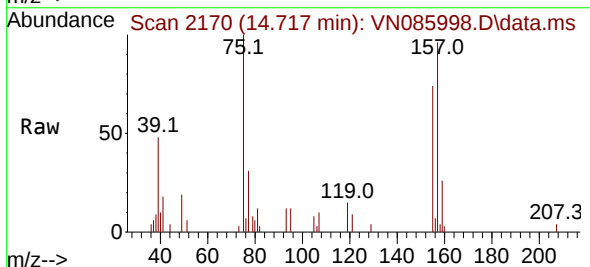
Manual Integrations
APPROVED

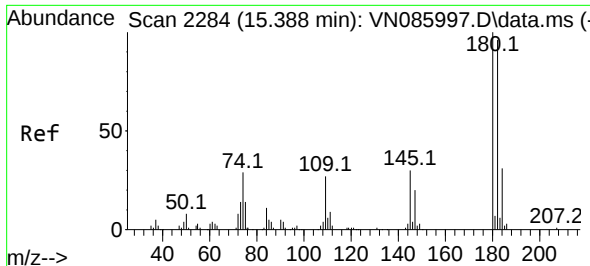
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.692 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

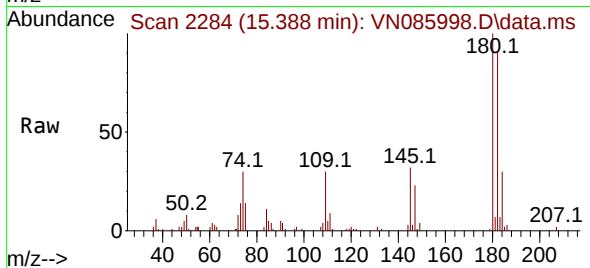
Tgt Ion: 75 Resp: 10795
Ion Ratio Lower Upper
75 100
155 76.3 41.0 123.0
157 100.0 53.7 161.1





#93
1,2,4-Trichlorobenzene
Concen: 18.166 ug/l
RT: 15.388 min Scan# 2102
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

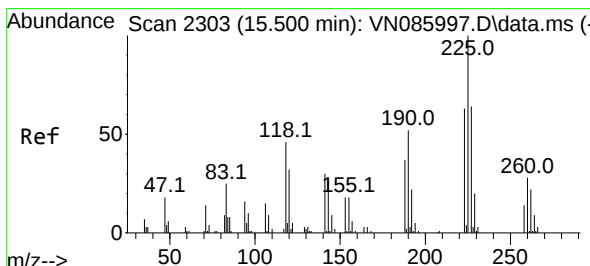
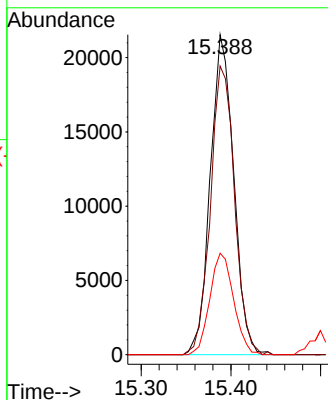
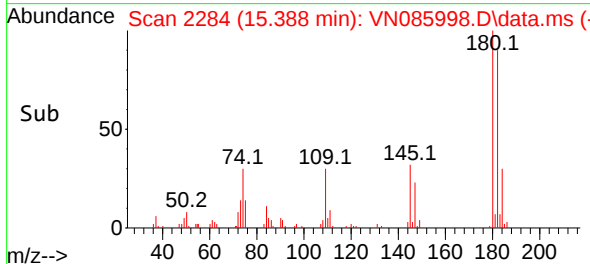
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



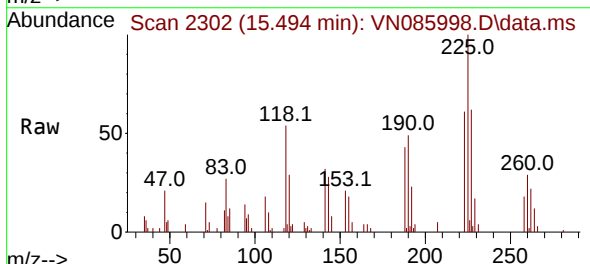
Tgt Ion:180 Resp: 39028
Ion Ratio Lower Upper
180 100
182 92.6 47.0 141.0
145 32.2 15.5 46.5

Manual Integrations
APPROVED

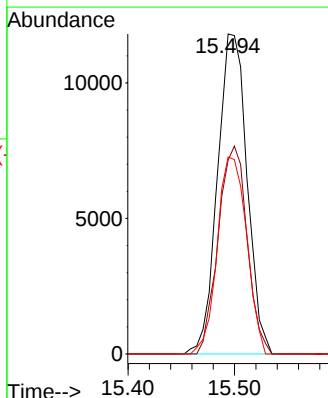
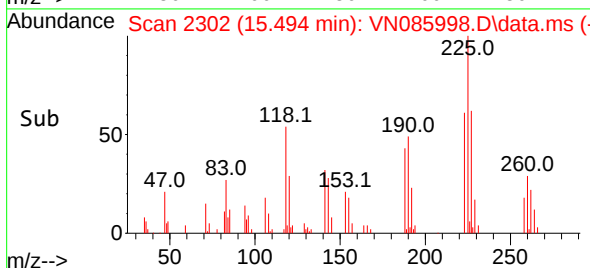
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

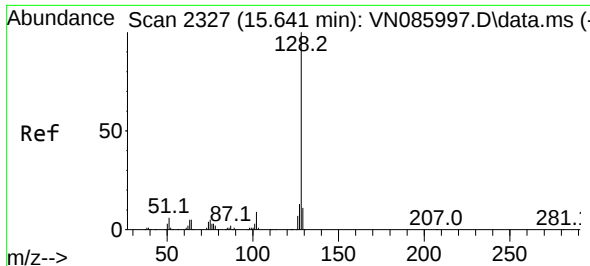


#94
Hexachlorobutadiene
Concen: 18.244 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32



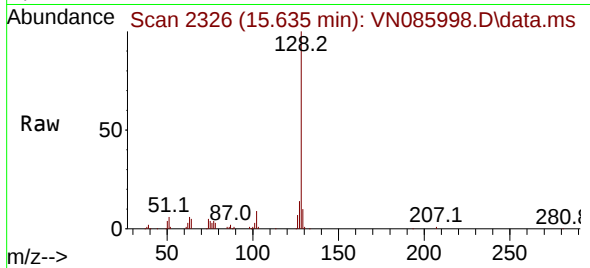
Tgt Ion:225 Resp: 22741
Ion Ratio Lower Upper
225 100
223 63.4 31.3 93.9
227 61.2 32.1 96.3





#95
Naphthalene
Concen: 18.564 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

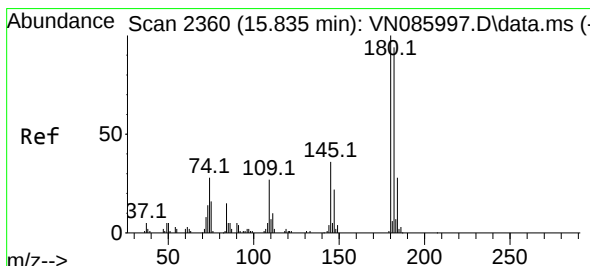
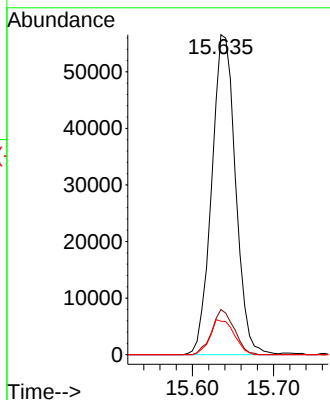
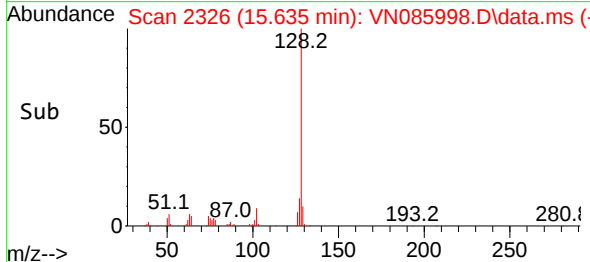
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 11549
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.0 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.975 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085998.D
Acq: 18 Mar 2025 12:32

Tgt Ion:180 Resp: 38684
Ion Ratio Lower Upper
180 100
182 97.2 47.5 142.5
145 34.5 17.7 53.1

